

259

THE UNIVERSITY OF NORTH CAROLINA

THE ONE HUNDRED AND
THIRTY-FIFTH SESSION



The Catalogue
1928-1929

ANNOUNCEMENTS FOR
1929-1930

1929

JANUARY	APRIL	JULY	OCTOBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5
6 7 8 9 10 11 12	7 8 9 10 11 12 13	7 8 9 10 11 12 13	6 7 8 9 10 11 12
13 14 15 16 17 18 19	14 15 16 17 18 19 20	14 15 16 17 18 19 20	13 14 15 16 17 18 19
20 21 22 23 24 25 26	21 22 23 24 25 26 27	21 22 23 24 25 26 27	20 21 22 23 24 25 26
27 28 29 30 31	28 29 30	28 29 30 31	27 28 29 30 31
FEBRUARY	MAY	AUGUST	NOVEMBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2	1 2 3 4	1 2 3	1 2
3 4 5 6 7 8 9	5 6 7 8 9 10 11	4 5 6 7 8 9 10	3 4 5 6 7 8 9
10 11 12 13 14 15 16	12 13 14 15 16 17 18	11 12 13 14 15 16 17	10 11 12 13 14 15 16
17 18 19 20 21 22 23	19 20 21 22 23 24 25	18 19 20 21 22 23 24	17 18 19 20 21 22 23
24 25 26 27 28	26 27 28 29 30 31	25 26 27 28 29 30 31	24 25 26 27 28 29 30
MARCH	JUNE	SEPTEMBER	DECEMBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2	1	1 2 3 4 5 6 7	1 2 3 4 5 6 7
3 4 5 6 7 8 9	2 3 4 5 6 7 8	8 9 10 11 12 13 14	8 9 10 11 12 13 14
10 11 12 13 14 15 16	9 10 11 12 13 14 15	15 16 17 18 19 20 21	15 16 17 18 19 20 21
17 18 19 20 21 22 23	16 17 18 19 20 21 22	22 23 24 25 26 27 28	22 23 24 25 26 27 28
24 25 26 27 28 29 30	23 24 25 26 27 28 29	29 30	29 30 31
31	30		

1930

JANUARY	APRIL	JULY	OCTOBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4	1 2 3 4 5	1 2 3 4 5	1 2 3 4
5 6 7 8 9 10 11	6 7 8 9 10 11 12	6 7 8 9 10 11 12	5 6 7 8 9 10 11
12 13 14 15 16 17 18	13 14 15 16 17 18 19	13 14 15 16 17 18 19	12 13 14 15 16 17 18
19 20 21 22 23 24 25	20 21 22 23 24 25 26	20 21 22 23 24 25 26	19 20 21 22 23 24 25
26 27 28 29 30 31	27 28 29 30	27 28 29 30 31	26 27 28 29 30 31
FEBRUARY	MAY	AUGUST	NOVEMBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1	1 2 3	1 2	1
2 3 4 5 6 7 8	4 5 6 7 8 9 10	3 4 5 6 7 8 9	2 3 4 5 6 7 8
9 10 11 12 13 14 15	11 12 13 14 15 16 17	10 11 12 13 14 15 16	9 10 11 12 13 14 15
16 17 18 19 20 21 22	18 19 20 21 22 23 24	17 18 19 20 21 22 23	16 17 18 19 20 21 22
23 24 25 26 27 28	25 26 27 28 29 30 31	24 25 26 27 28 29 30	23 24 25 26 27 28 29
		31	30
MARCH	JUNE	SEPTEMBER	DECEMBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1	1 2 3 4 5 6 7	1 2 3 4 5 6	1 2 3 4 5 6
2 3 4 5 6 7 8	8 9 10 11 12 13 14	7 8 9 10 11 12 13	7 8 9 10 11 12 13
9 10 11 12 13 14 15	15 16 17 18 19 20 21	14 15 16 17 18 19 20	14 15 16 17 18 19 20
16 17 18 19 20 21 22	22 23 24 25 26 27 28	21 22 23 24 25 26 27	21 22 23 24 25 26 27
23 24 25 26 27 28 29	29 30	28 29 30	28 29 30 31
30 31			

CALENDAR

1929

- | | |
|--|---|
| <p><i>June 7-10</i>
 <i>June 13-July 23</i>
 <i>June 12-August 28</i>
 <i>July 24-August 30</i>
 <i>Sept. 11-14</i>

 <i>Sept. 16-19</i>

 <i>Sept. 19</i>

 <i>Sept. 20</i>
 <i>Oct. 12</i>
 <i>Nov. 27</i>
 <i>Dec. 2</i>
 <i>Dec. 18, 19, 20, 21</i>

 <i>Dec. 21 (afternoon)-</i>
 <i>Jan. 1, 1930</i></p> | <p><i>Friday through Monday.</i> Commencement Exercises.
 Summer quarter, First Term.
 Summer School of Law.
 Summer quarter, Second Term.
 <i>Wednesday through Saturday.</i> Examinations for conditions and Entrance Examinations.
 <i>Monday through Thursday.</i> Freshman Week. Registration September 18 (Freshmen only).
 <i>Thursday.</i> Registration (all except Freshmen) for the fall quarter.
 <i>Friday.</i> Class work for the fall quarter begins.
 <i>Saturday.</i> University Day Exercises.
 <i>Wednesday.</i> Thanksgiving Recess begins (1:00 p.m.).
 <i>Monday.</i> Thanksgiving Recess ends (8:30 a.m.).
 <i>Wednesday, Thursday, Friday, Saturday.</i> Examinations for the fall quarter. Registration of all except Freshmen and Sophomores.

 Christmas Recess.</p> |
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1930

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| <p><i>Jan. 2</i>

 <i>Jan. 3</i>
 <i>Jan. 4</i>
 <i>Jan. 25</i>
 <i>Jan. 27</i>
 <i>Feb. 1</i>

 <i>Mar. 12-15</i>

 <i>Mar. 15-21</i>
 <i>Mar. 22</i>

 <i>Mar. 24</i>
 <i>Apr. 28</i>
 <i>June 2-5</i>

 <i>June 6-9</i></p> | <p><i>Thursday.</i> Registration completed for the winter quarter (Freshmen and Sophomores).
 <i>Friday.</i> Class work for the winter quarter begins.
 <i>Saturday.</i> Regular classes as of Thursday.
 <i>Saturday.</i> First semester School of Law ends.
 <i>Monday.</i> Second semester School of Law begins.
 <i>Saturday.</i> Candidates for the Mangum Medal announce their subjects to their respective Deans.
 <i>Wednesday through Saturday.</i> Examinations for the winter quarter. Registration of all except Freshmen and Sophomores.
 <i>Saturday afternoon through Friday.</i> Spring Recess.
 <i>Saturday.</i> Registration completed for the spring quarter (Freshmen and Sophomores).
 <i>Monday.</i> Class work for the spring quarter begins.
 <i>Monday.</i> Selection of Commencement Orators.
 <i>Monday through Thursday.</i> Examinations for the spring quarter.
 <i>Friday through Monday.</i> Commencement.</p> |
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PART ONE—OFFICERS

BOARD OF TRUSTEES OFFICERS OF ADMINISTRATION OFFICERS OF INSTRUCTION FACULTY COMMITTEES

TRUSTEES

OLIVER MAX GARDNER, GOVERNOR, President *ex officio* of the Board of Trustees.

ARCH TURNER ALLEN, SUPERINTENDENT OF PUBLIC INSTRUCTION, member *ex officio* of the Board of Trustees.

HENRY MAUGER LONDON, Secretary of the Board.

MEMBERS OF THE BOARD

1929*

THOMAS HALL BATTLE.....	Nash
FREDERICK JACKSON COXE.....	Anson
WILLIE REED DALTON.....	Rockingham
CLAUDIUS DOCKERY.....	Montgomery
RUFUS ALEXANDER DOUGHTON.....	Alleghany
SIMON JUSTUS EVERETT.....	Pitt
WILLIAM NASH EVERETT†.....	Richmond
JAMES THOMAS EXUM.....	Greene
EPHRAIM LASH GAITHER.....	Davie
THOMAS JACKSON GOLD.....	Guilford
JAMES ALEXANDER GRAY.....	Forsyth
JOHN SPRUNT HILL.....	Durham
CHARLES ANDREW JONAS.....	Lincoln
JOSIAH CRUDUP KITTRELL.....	Vance
JOHN HENRY McMULLAN.....	Beaufort
CHARLES EDWARD MADDRY.....	Wake
JULIAN SMITH MANN.....	Hyde
HAYWOOD PARKER.....	Buncombe
WILLIE MANGUM PERSON.....	Franklin
AUGUSTUS HOBSON PRICE†.....	Rowan
JAMES DICK PROCTOR.....	Robeson
ALFRED MOORE SCALES.....	Guilford
JOHN WALLACE WINBORNE.....	McDowell
GRAHAM WOODARD.....	Wilson
CLEMENT GILLESPIE WRIGHT.....	Guilford

* The legal term of office expires November 30th of the year indicated.

† Deceased.

1931

THOMAS CONTEE BOWIE.....	Ashe
WILLIAM EDMOND BREESE.....	Transylvania
JAMES LESTER DELANEY.....	Mecklenburg
JOHN CHRISTOPH BLUCHER EHRLINGHAUS.....	Pasquotank
ADOLPHUS HILL ELLER.....	Forsyth
RICHARD TILLMAN FOUNTAIN.....	Nash
JOHN WILLIAM FRIEST†.....	Forsyth
GEORGE KENNETH GRANTHAM.....	Harnett
CHARLES FELIX HARVEY.....	Lenoir
JOHN ADDISON HENDRICKS.....	Madison
WILLIAM LANIER HILL.....	Duplin
HENRY MAUGER LONDON.....	Wake
ADDISON GOODLOE MANGUM.....	Gaston
JAMES SMITH MANNING.....	Wake
CAMERON MORRISON.....	Mecklenburg
CARL PUTNAM PARKER†.....	Northampton
EDWARD SAUNDERS PARKER, JR.....	Guilford
JOHN JOHNSTON PARKER.....	Mecklenburg
ROBERT LEE SMITH.....	Stanly
FREDERICK ISLER SUTTON.....	Lenoir
WALTER FRANK TAYLOR.....	Wayne
THOMAS DAVIS WARREN.....	Craven
BUXTON BARKER WILLIAMS.....	Warren
JOHN KENYON WILSON.....	Pasquotank
WILLIAM COLEMAN WOODARD.....	Nash

1933

ALEXANDER BOYD ANDREWS.....	Wake
ISAAC MAYO BAILEY.....	Wake
STEPHEN CAMBRELENG BRAGAW.....	Beaufort
PERRIN BUSBEE.....	Wake
JOSEPHUS DANIELS.....	Wake
WILLIAM DUNN, JR.....	Craven
ALEXANDER HAWKINS GRAHAM.....	Orange
AUGUSTUS WASHINGTON GRAHAM.....	Granville
GEORGE CHANCELLOR GREEN.....	Halifax
HARRY PERCY GRIER.....	Iredell
LUTHER THOMPSON HARTSELL.....	Cabarrus
JOHN WETMORE HINSDALE.....	Wake
WILLIAM STAMPS HOWARD.....	Edgecombe
RICHARD HENRY LEWIS, JR.....	Granville
PAUL JONES LONG.....	Northampton
WILLIAM LUNSFORD LONG.....	Halifax
JAMES VANCE MCGOUGAN.....	Cumberland

† Deceased.

CAMERON MACRAE	Cabarrus
J. THOMAS MANGUM.....	Haywood
JOHN HALL MANNING.....	Wake
CHARLES GRANDISON ROSE.....	Cumberland
HORACE EDNEY STACY.....	Robeson
GEORGE STEPHENS	Buncombe
NEWMAN ALEXANDER TOWNSEND.....	Harnett
WALTER HENDERSON WOODSON.....	Rowan

1935

BENJAMIN LEONIDAS BANKS.....	Pasquotank
JAMES CRAWFORD BIGGS.....	Wake
WILLIAM HYSLOP SUMNER BURGWIN.....	Northampton
BURTON CRAIGE	Forsyth
REUBEN OSCAR EVERETT.....	Durham
JOHN WASHINGTON GRAHAM†.....	Orange
BENJAMIN KITTRELL LASSITER.....	Granville
STAHL LINN	Rowan
ROBERT EUGENE LITTLE.....	Anson
JACOB ELMER LONG.....	Durham
JOHN GERALD MURPHY.....	New Hanover
WALTER MURPHY	Rowan
HENRY ALLISON PAGE.....	Moore
ROBERT BURWELL REDWINE.....	Union
GEORGE CLAIBORNE ROYALL.....	Wayne
ABEL ALEXANDER SHUFORD, JR.....	Catawba
CHARLES LEE SMITH.....	Wake
DAVID BAIRD SMITH.....	Mecklenburg
EUGENE JACKSON TUCKER.....	Person
ZEB VANCE WALSER.....	Davidson
LESLIE WEIL	Wayne
CHARLES WHEDBEE	Perquimans
JOHN NESTOR WILSON.....	Guilford
FRANCIS DONNELL WINSTON.....	Bertie
ALBERT EDGAR WOLTZ.....	Gaston

EXECUTIVE COMMITTEE OF THE TRUSTEES

OLIVER MAX GARDNER, *ex officio* Chairman

HENRY M. LONDON, *ex officio* Secretary

*1931: J. S. HILL, C. L. SMITH, CHARLES WHEDBEE, J. S. MANNING, F. D. WINSTON.

*1930: A. T. ALLEN, CLAUDIUS DOCKERY, A. H. GRAHAM, LESLIE WEIL, WALTER MURPHY.

*1929: A. B. ANDREWS, N. A. TOWNSEND, HAYWOOD PARKER, JOSEPHUS DANIELS, A. M. SCALES.

† Deceased.

* Term expires.

OFFICERS OF ADMINISTRATION

THE UNIVERSITY

HARRY WOODBURN CHASE, Ph.D., LL.D., *President*.
WALTER DALLAM TOY, M.A., *Secretary of the Faculty*.
THOMAS JAMES WILSON, JR., Ph.D., *Registrar*.
CHARLES THOMAS WOOLLEN, *Business Manager*.
LOUIS ROUND WILSON, Ph.D., *Librarian*.
FRANCIS FOSTER BRADSHAW, M.A., *Dean of Students*.
MRS. MARVIN HENDRIX STACY, *Adviser to Women*.
ROBERT ALLISON FETZER, B.S., M.A., *Director of Athletics*.
ROBERT BURTON HOUSE, A.M., *Executive Secretary*.
JULIUS ALGERNON WARREN, *Treasurer and Bursar*.
LIVINGSTON BERTRAM ROGERSON, *Auditor*.
GEORGE KENNETH GRANT HENRY, Ph.D., *Assistant Registrar*.
DONALD CONEY, A.M., *Assistant Librarian*.

THE COLLEGES AND SCHOOLS

ADDISON HIBBARD, M.A., *Dean of the College of Liberal Arts*.
JAMES MUNSIE BELL, Ph.D., *Acting-Dean of the School of Applied Science*.
NATHAN WILSON WALKER, Ed.M., *Acting-Dean of the School of Education and Director of the Summer School*.
GUSTAVE MAURICE BRAUNE, C.E., *Dean of the School of Engineering*.
DUDLEY DEWITT CARROLL, M.A., *Dean of the School of Commerce*.
JAMES FINCH ROYSTER, Ph.D., *Dean of the Graduate School*.
CHARLES TILFORD MCCORMICK, A.B., LL.B., *Dean of the School of Law*.
ISAAC HALL MANNING, M.D., *Dean of the School of Medicine*.
EDWARD VERNON HOWELL, A.B., Ph.G., *Dean of the School of Pharmacy*.
HOWARD WASHINGTON ODUM, Ph.D., *Director of the School of Public Welfare*.

THE EXTENSION DIVISION

RUSSELL MARVIN GRUMMAN, B.H., *Director*.
EDGAR RALPH RANKIN, A.M., *Head, Department of School Relations*.

MALCOLM GILES LITTLE, A.M., *Head, Department of Extension Teaching.*

LOUISE MANNING VENABLE, A.B., *Executive Secretary.*

THE GYMNASIUM

ROBERT BAKER LAWSON, M.D., *Director.*

THE INFIRMARY

ERIC ALONZO ABERNETHY, S.B., M.D., *University Physician.*

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

*HARRY FULCHER COMER, B.S., *General Secretary.*

* Absent on leave, 1928-1929.

OFFICERS OF INSTRUCTION

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*

A.B., 1904, A.M., 1908 (Dartmouth); Ph.D., 1910 (Clark); LL.D. (Lenoir, Wake Forest, Georgia, Dartmouth).

FRANCIS PRESTON VENABLE, Ph.D., D.Sc., LL.D., *Kenan Professor of Chemistry.*

A.M., Ph.D., 1881 (Goettingen); LL.D. (Pennsylvania, South Carolina, Alabama, Jefferson); D.Sc. (Lafayette).

WALTER DALLAM TOY, M.A., *Professor of the Germanic Languages and Literatures.*

M.A., 1882 (Virginia).

WILLIAM CAIN, A.M., LL.D., Sc.D., *Kenan Professor Emeritus of Mathematics.*

A.M., 1886 (N. C. Mil. Polyt. Inst.); LL.D. (South Carolina); D.Sc. (North Carolina).

HENRY HORACE WILLIAMS, A.M., B.D., *Kenan Professor of Philosophy.*

A.B., A.M., 1883 (North Carolina); B.D., 1888 (Yale).

HENRY VANPETERS WILSON, Ph.D., *Kenan Professor of Zoölogy.*

A.B., 1883, Ph.D., 1888 (Johns Hopkins).

COLLIER COBB, A.M., D.Sc., *Professor of Geology and Mineralogy.*

A.B., 1889, A.M., 1894 (Harvard); D.Sc. (Wake Forest).

CHARLES STAPLES MANGUM, A.B., M.D., *Professor of Anatomy.*

A.B., 1891 (North Carolina); M.D., 1894 (Jefferson Medical College).

*EDWARD VERNON HOWELL, A.B., Ph.G., *Professor of Pharmacy and Dean of the School of Pharmacy.*

A.B., 1892 (Wake Forest); Ph. G., 1894 (Philadelphia College of Pharmacy).

MARCUS CICERO STEPHENS NOBLE, Pd.D., *Professor of Pedagogy and Dean of the School of Education.*

Student, 1875-1876 (Davidson); Student, 1877-1879 (North Carolina); Pd.D. (Davidson).

ISAAC HALL MANNING, M.D., *Professor of Physiology and Dean of the School of Medicine.*

Student, 1882-1886 (North Carolina); M.D., 1897 (Long Island College of Medicine).

GEORGE HOWE, Ph.D., *Professor of the Latin Language and Literature.*

A.B., 1897 (Princeton University); A.M., Ph.D., 1903 (Halle).

* Absent on leave, fall quarter, 1928.

NATHAN WILSON WALKER, A.B., Ed.M., *Professor of Secondary Education, Director of the Summer School, and Acting-Dean of the School of Education.*
A.B., 1903 (North Carolina); Ed.M., 1921 (Harvard).

WILLIAM DEBERNIERE MACNIDER, M.D., *Kenan Research Professor of Pharmacology.*
M.D., 1903 (North Carolina).

WILLIAM CHAMBERS COKER, Ph.D., *Kenan Professor of Botany.*
B.S., 1894 (South Carolina); Ph.D., 1901 (Johns Hopkins).

ARCHIBALD HENDERSON, Ph.D., D.C.L., LL.D., *Kenan Professor of Mathematics.*
A.B., 1898, A.M., 1899, Ph.D., 1902 (North Carolina); Ph.D., 1915 (Chicago); D.C.L. (University of the South); LL.D. (Tulane).

JOSEPH GREGOIRE DEROULHAC HAMILTON, Ph.D., *Kenan Professor of History and Government.*
M.A., 1900 (University of the South); Ph.D., 1906 (Columbia).

HENRY MCGILBERT WAGSTAFF, Ph.D., *Professor of History.*
Ph.B., 1899 (North Carolina); Ph.D., 1906 (Johns Hopkins).

PATRICK HENRY WINSTON, *Professor of Law.*
Graduate, 1905 (United States Military Academy); Student of Law, 1905 (North Carolina); Student of Law, 1910 (Michigan).

WILLIAM MORTON DEY, Ph.D., *Professor of the Romance Languages and Literatures.*
B.A., M.A., 1902 (Virginia); A.M., 1904, Ph.D., 1906 (Harvard).

ATWELL CAMPBELL MCINTOSH, A.M., LL.D., *Professor of Law.*
A.B., 1881, A.M., 1887, LL.D. (Davidson).

*ALVIN SAWYER WHEELER, Ph.D., *Professor of Organic Chemistry.*
A.B., 1890 (Beloit); A.M., 1897, Ph.D., 1900 (Harvard).

LOUIS ROUND WILSON, Ph.D., *Kenan Professor of Library Administration and Librarian.*
A.B., 1899, A.M., 1902, Ph.D., 1905 (North Carolina).

PARKER HAYWARD DAGGETT, S.B., *Professor of Electrical Engineering.*
S.B., 1910 (Harvard).

JAMES MUNSIE BELL, Ph.D., *Smith Professor of Chemistry and Acting-Dean of the School of Applied Science.*
B.A., 1902, M.A., 1905 (Toronto); Ph.D., 1905 (Cornell).

*JAMES BELL BULLITT, A.M., M.D., *Professor of Pathology.*
A.B., 1894, A.M., 1895 (Washington and Lee); M.D., 1897 (Virginia).

* Absent on leave, fall quarter, 1928.

THOMAS JAMES WILSON, JR., Ph.D., *Registrar*.

A.B., 1894, A.M., 1896, Ph.D., 1898 (North Carolina).

EUGENE CUNNINGHAM BRANSON, A.M., Litt.D., *Kenan Professor of Rural Social Economics*.

A.M., 1894 (Trinity); A.M., 1899 (Peabody Normal); Litt.D. (Georgia).

DUDLEY DEWITT CARROLL, M.A., *Professor of Economics and Dean of the School of Commerce*.

A.B., 1907 (Guilford); A.B., 1908 (Haverford); M.A., 1915 (Columbia).

FREDERICK HENRY KOCH, A.M., *Professor of Dramatic Literature*.

A.B., 1900 (Ohio Wesleyan); A.M., 1909 (Harvard).

JOHN EMERY LEAR, E.E., *Professor of Electrical Engineering*.

B.S., in E.E., 1901 (Virginia Polytechnic); E.E., 1909 (Texas Agricultural and Mechanical).

NORMAN FOERSTER, A.M., *Professor of English*.

A.B., 1910 (Harvard); A.M., 1912 (Wisconsin).

JOHN GROVER BEARD, Ph.G., *Professor of Pharmacy and* Acting-Dean of the School of Pharmacy*.

Ph.G., 1909 (North Carolina).

EDGAR WALLACE KNIGHT, Ph.D., *Professor of Education*.

A.B., 1909, A.M., 1911 (Trinity); Ph.D., 1913 (Columbia).

PAUL JOHN WEAVER, B.A., A.A.G.O., *Professor of Music*.

B.A., 1911 (Wisconsin); A.A.G.O., 1918 (New York).

WILLIAM FREDERICK PROUTY, Ph.D., *Professor of Stratigraphic Geology*.

B.S., 1903, M.S., 1904 (Syracuse); Ph.D., 1906 (Johns Hopkins).

**HOWARD WASHINGTON ODUM, Ph.D., *Kenan Professor of Sociology and Director of the School of Public Welfare*.

A.B., 1904 (Emory); A.M., 1906 (Mississippi); Ph.D., 1909 (Clark); Ph.D., 1910 (Columbia).

WILLIAM STANLEY BERNARD, A.M., *Professor of Greek*.

A.B., 1900, A.M., 1904 (North Carolina).

JOHN MANNING BOOKER, Ph.D., *Professor of English*.

A.B., 1901 (Johns Hopkins); Ph.D., 1912 (Heidelberg).

THOMAS FELIX HICKERSON, A.M., S.B., *Professor of Civil Engineering*.

Ph.B., 1904, A.M., 1907 (North Carolina); S.B., 1909 (Massachusetts Institute of Technology).

* Fall quarter, 1928.

** Absent on leave, 1928-1929, on the Kenan Foundation.

*WILLIAM WHATLEY PIERSON, JR., Ph.D., *Professor of History and Government.*

A.B., 1910, A.M., 1911 (Alabama); A.M., 1912, Ph.D., 1916 (Columbia).

JOHN FREDERICK DASHIELL, Ph.D., *Professor of Psychology.*

B. S., 1908, B.L., 1909 (Evansville); A.M., 1910, Ph.D., 1913 (Columbia).

FRANCIS FOSTER BRADSHAW, M.A., *Dean of Students.*

A.B., 1916 (North Carolina); M.A., 1926 (Columbia).

STURGIS ELLENO LEAVITT, Ph.D., *Professor of Spanish.*

A.B., 1908 (Bowdoin); A.M., 1913, Ph.D., 1917 (Harvard).

JAMES FINCH ROYSTER, Ph.D., LL.D., *Kenan Professor of English Philology and Dean of the Graduate School.*

A.B., 1900 (Wake Forest); Ph.D., 1907 (Chicago); LL.D. (Wake Forest).

ROBERT DIGGS WIMBERLY CONNOR, Ph.B., *Kenan Professor of History and Government.*

Ph.B., 1899 (North Carolina).

GUSTAVE MAURICE BRAUNE, C.E., *Professor of Civil Engineering and Dean of the School of Engineering.*

B.S., 1888 (Spring Hill); C.E. (Dipl. Ing.), 1895 (Royal Polytechnical Institute, Dresden, Saxony).

KENT JAMES BROWN, Ph.D., *Professor of German.*

A.B., 1901 (Dickinson); Ph.D., 1905 (Pennsylvania).

CLAUDIUS TEMPLE MURCHISON, Ph.D., *Professor of Applied Economics.*

A.B., 1911 (Wake Forest); Ph.D., 1919 (Columbia).

ROBERT ERVIN COKER, Ph.D., *Professor of Zoölogy.*

S.B., 1896, S.M., 1897 (North Carolina); Ph.D., 1906 (Johns Hopkins).

MARION REX TRABUE, Ph.D., *Professor of Educational Administration.*

A.B., 1911 (Northwestern); A.M., 1914, Ph.D., 1915 (Columbia).

GEORGE MCFARLAND MCKIE, A.M., *Professor of Public Speaking.*

Graduate, 1898 (Emerson College of Oratory); A.B., A.M., 1907 (North Carolina).

ERLE EWART PEACOCK, A.B., M.B.A., *Professor of Accounting.*

A.B., 1914 (Georgia); M.B.A., 1916 (Harvard); C. P. A., State of North Carolina.

HARRY WOLVEN CRANE, Ph.D., *Professor of Psychology.*

A.B., 1909, A.M., 1910, Ph.D., 1913 (Michigan).

* Absent on leave, fall quarter, 1928.

ARTHUR MELVILLE JORDAN, Ph.D., *Professor of Educational Psychology.*

A.B., 1907 (Randolph-Macon); A.M., 1909 (Trinity); Ph.D., 1919 (Columbia).

ESEK RAY MOSHER, Ed.D., *Professor of Education and Director of Training.*

A.B., 1903 (Minnesota); A.M., 1907 (Western Reserve); Ed.M., 1921, Ed.D., 1924 (Harvard).

THORNDIKE SAVILLE, A.B., B.S., C.E., M.S., *Professor of Hydraulic and Sanitary Engineering.*

A.B., 1914 (Harvard); B.S., 1914, C.E., 1915 (Dartmouth); M.S., 1917 (Harvard); M.S., 1917 (Mass. Inst. of Technology).

JOHN WAYNE LASLEY, JR., Ph.D., *Professor of Pure Mathematics.*

A.B., 1910, A.M., 1911 (North Carolina); Ph.D., 1920 (Chicago).

ALLAN WILSON HOBBS, Ph.D., *Professor of Applied Mathematics.*

A.B., 1907 (Guilford); A.B., 1908 (Haverford); Ph.D., 1917 (Johns Hopkins).

*WESLEY CRITZ GEORGE, Ph.D., *Professor of Histology and Embryology.*

A.B., 1911, A.M., 1912, Ph.D., 1918 (North Carolina).

OTTO STUHLMAN, JR., Ph.D., *Professor of Physics.*

B.A., 1907 (Cincinnati); M.A., 1909 (Illinois); Ph.D., 1911 (Princeton).

GUSTAVE ADOLPHUS HARRER, Ph.D., *Professor of Latin.*

A.B., 1910, Ph.D., 1913 (Princeton).

**ERICH WALTER ZIMMERMAN, Ph.D., *Professor of Commerce and Resources.*

Student, 1903-1907 (Düsseldorf); Ph.D., 1911 (Bonn).

FRANK PORTER GRAHAM, M.A., *Professor of History and Acting-Director of the Institute for Research in Social Science.*

A.B., 1909 (North Carolina); M.A., 1916 (Columbia).

ADDISON HIBBARD, M.A., *Professor of English and Dean of the College of Liberal Arts.*

B.A., 1909, M.A., 1919 (Wisconsin).

ROBERT HASLEY WETTACH, A.M., S.J.D., *Professor of Law.*

A.B., 1913, A.M., 1914, LL.B., 1917 (Pittsburgh); S.J.D., 1921 (Harvard).

CHARLES TILFORD MCCORMICK, B.A., LL.B., *Professor of Law, and Dean of the School of Law.*

B.A., 1909 (Texas); LL.B., 1912 (Harvard).

* Absent on leave, 1928-1929.

** Absent on leave, winter quarter, 1929.

- GEORGE COFFIN TAYLOR, Ph.D., *Professor of English*.
A.B., 1897 (South Carolina); A.M., 1899 (Harvard); Ph.D., 1906 (Chicago).
- OSCAR JACKSON COFFIN, A.B., *Professor of Journalism*.
A.B., 1909 (North Carolina).
- WILLIAM JOHN MCKEE, C.E., M.A., *Professor of Education in Extension Teaching*.
C.E., 1909 (Cornell); M.A., 1919 (Columbia).
- EDWARD JAMES WOODHOUSE, B.A., LL.B., *Professor of Government*.
B.A., 1903 (Randolph-Macon); LL.B., 1907 (Virginia).
- ROBERT BURTON HOUSE, A.M., *Executive Secretary of the University*.
A.B., 1916 (North Carolina); A.M., 1917 (Harvard).
- ELMER GEORGE HOEFER, M.E., *Professor of Mechanical Engineering*.
B.S. in M.E., 1905, M.E., 1915 (Wisconsin).
- WILLIAM FLINT THRALL, Ph.D., *Professor of English*.
A.B., 1901, A.M., 1902 (McKendree); A.M., 1915, Ph.D., 1920 (Chicago).
- ALBERT COATES, A.B., LL.B., *Professor of Law*.
A.B., 1918 (North Carolina); LL.B., 1923 (Harvard).
- HOWARD MUMFORD JONES, M.A., *Professor of English*.
B.A., 1914 (Wisconsin); M.A., 1915 (Chicago).
- URBAN TIGNER HOLMES, JR., Ph.D., *Professor of French*.
A.B., 1920 (Pennsylvania), A.M., 1921, Ph.D., 1923 (Harvard).
- MITCHELL BENNETT GARRETT, Ph.D., *Professor of Modern European History*.
A.B., 1900, A.M., 1903 (Howard); Ph.D., 1910 (Cornell).
- MILLARD SHERMAN BRECKENRIDGE, Ph.B., LL.B., *Professor of Law*.
Ph.B., 1917 (Chicago); LL.B., 1918 (Yale).
- FRANK KENNETH CAMERON, Ph.D., *Professor of Chemistry*.
A.B., 1891, Ph.D., 1894 (Johns Hopkins).
- ERNEST RUTHERFORD GROVES, A.B., B.D., *Research Professor of Sociology*.
A.B., 1903 (Dartmouth); B.D., 1907 (Yale).
- FRANK CARL VILBRANDT, Ph.D., *Professor of Industrial Chemistry*.
A.B., 1915, M.A., 1916, Ph.D., 1919 (Ohio State).
- HAROLD DIEDRICH MEYER, A.M., *Professor of Sociology and Supervisor of Field Work*.
A.B., 1912, A.M., 1916 (Georgia).
- ENGLISH BAGBY, Ph.D., *Professor of Psychology*.
A.B., 1913, A.M., 1914 (Princeton); Ph.D., 1918 (Johns Hopkins).

- WALLACE EVERETT CALDWELL, Ph.D., *Professor of History*.
A.B., 1910 (Cornell); Ph.D., 1919 (Columbia).
- LUTHER LEE BERNARD, Ph.D., *Professor of Sociology*.
A.B., 1907 (Missouri); Ph.D., 1910 (Chicago).
- MAURICE TAYLOR VAN HECKE, Ph.B., J.D., *Professor of Law*.
Ph.B., 1916, J.D., 1917 (Chicago).
- HENRY FRANKLIN HUNT, M.D., *Acting-Professor of Pharmacology*.
M.D., 1924 (Vanderbilt).
- ROBERT BAKER LAWSON, M.D., *Associate Professor of Applied Anatomy and Director of the Gymnasium*.
Student, 1897-1900 (North Carolina); M.D., 1902 (Maryland).
- JAMES TALMADGE DOBBINS, Ph.D., *Associate Professor of Chemistry*.
A.B., 1911, A.M., 1912, Ph.D., 1914 (North Carolina).
- SAMUEL HUNTINGTON HOBBS, JR., A.M., *Associate Professor of Rural Economics and Sociology*.
A.B., 1916, A.M., 1917 (North Carolina).
- HOWARD RUSSELL HUSE, Ph.B., *Associate Professor of Romance Languages*.
Ph.B., 1913 (Chicago).
- DANIEL ALLAN MACPHERSON, Sc.M., *Associate Professor of Bacteriology*.
Ph.B., 1919, Sc.M., 1920 (Brown).
- ARTHUR SIMEON WINSOR, Ph.D., *Associate Professor of Mathematics*.
A.B., 1914, A.M., 1915 (Mount Allison); Ph.D., 1927 (Johns Hopkins).
- EDWARD VERNON KYSER, Ph.G., Ph.C., *Associate Professor of Pharmacy*.
Ph.G., 1915, Ph.C., 1924 (North Carolina).
- JOHN BROOKS WOOSLEY, A.M., *Associate Professor of Economics*.
A.B., 1912 (Guilford); A.B., 1913, A.M., 1914 (Haverford).
- HENRY ROLAND TOTTEN, Ph.D., *Associate Professor of Botany*.
A.B., 1913, A.M., 1914, Ph.D., 1923 (North Carolina).
- FLOYD HARRIS EDMISTER, Ph.D., *Associate Professor of Chemistry*.
B.S., 1912 (Syracuse); M.S., 1913 (Louisiana State); Ph.D., 1918 (Syracuse).
- MALCOLM DEAN TAYLOR, A.B., M.B.A., *Associate Professor of Sales Relations*.
A.B., 1921 (Oberlin); M.B.A., 1923 (Harvard).
- ERNEST LLOYD MACKIE, Ph.D., *Associate Professor of Mathematics*.
A.B., 1917 (North Carolina); A.M., 1920 (Harvard); Ph.D., 1927 (Chicago).

*CORYDON PERRY SPRUILL, JR., A.B., B.Litt. (Oxon.), *Associate Professor of Economics*.
A.B., 1920 (North Carolina); B.Litt., 1922 (Oxford).

EDWARD TANKARD BROWNE, Ph.D., *Associate Professor of Mathematics*.
A.B., 1915, A.M., 1917 (Virginia); Ph.D., 1926 (Chicago).

ERNST CHRISTIAN PAUL METZENTHIN, Ph.D., *Associate Professor of German*.
A.M., 1913 (Pennsylvania State); Ph.D., 1915 (Pennsylvania).

JOEL HOWARD SWARTZ, Ph.D., *Associate Professor of Geology*.
A.B., 1915, Ph.D., 1923 (Johns Hopkins).

WILEY BRITTON SANDERS, A.M., *Associate Professor of Sociology*.
A.B., 1919 (Emory College); A.M., 1920 (Emory University); A.M., 1921 (North Carolina).

SHIPP GILLESPIE SANDERS, A.M., *Associate Professor of Latin*.
A.B., 1909 (Southwestern); A.M., 1915 (Princeton).

NICHOLSON BARNEY ADAMS, Ph.D., *Associate Professor of Spanish*.
A.B., 1915 (Washington and Lee); M.A., 1920, Ph.D., 1922 (Columbia).

JOE BURTON LINKER, Ph.D., *Associate Professor of Mathematics*.
A.B., 1918, A.M., 1920 (North Carolina); Ph.D., 1924 (Johns Hopkins).

JOSEPH MERRITT LEAR, M.A., *Associate Professor of Insurance*.
A.B., 1900, A.M., 1902 (Randolph Macon); M.A., 1915 (Columbia).

HERMAN GLENN BAITY, Sc.D., *Associate Professor of Sanitary and Municipal Engineering*.
A.B., 1917, B.S. in C.E., 1922 (North Carolina); M.S., 1925, Sc.D., 1928 (Harvard).

GUSTAV THEODOR SCHWENNING, Ph.D., *Associate Professor of Business Administration*.
B.H., 1920 (Springfield); M.A., 1921, Ph.D., 1925 (Clark).

CARLTON ESTEY PRESTON, Ph.D., *Associate Professor of the Teaching of Science*.
A.B., 1899, A.M., 1900, Ph.D., 1902 (Harvard).

EARLE KEITH PLYLER, Ph.D., *Associate Professor of Physics*.
B.A., 1917, M.A., 1918 (Furman); M.A., 1923 (Johns Hopkins); Ph.D., 1924 (Cornell).

JAMES PENROSE HARLAND, Ph.D., *Associate Professor of Archaeology*.
A.B., 1913, Ph.D., 1920 (Princeton).

PRESTON COOK FARRAR, M.A., *Associate Professor of the Teaching of English*.
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* Absent on leave, 1928-1929.

- HUGO GIDUZ, A.B., *Associate Professor of the Teaching of French.*
A.B., 1905 (Harvard).
- RALPH WINFRED TYLER, Ph.D., *Associate Professor of Education in Extension Teaching.*
A.B., 1921 (Doane College); A.M., 1923 (Nebraska); Ph.D., 1927 (Chicago).
- CLARENCE HEER, Ph.D., *Associate Professor of Public Finance.*
A.B., 1914 (Rochester); Ph.D., 1926 (Columbia).
- HERMAN HENRY STAAB, M.A., *Associate Professor of Romance Languages.*
B.A., M.A., 1912 (University of the South).
- ALMONTE CHARLES HOWELL, Ph.D., *Associate Professor of English.*
A.B., 1917 (Denison); M.A., 1920 (Columbia); Ph.D., 1924 (North Carolina).
- GREGORY LANSING PAINE, Ph.D., *Associate Professor of English.*
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- WILLIAM DOUGALD MACMILLAN III, Ph.D., *Associate Professor of English.*
A.B., 1918, A.M., 1920, Ph.D., 1925 (North Carolina).
- JOHN NATHANIEL COUCH, Ph.D., *Associate Professor of Botany.*
A.B., 1919, A.M., 1922, Ph.D., 1924 (North Carolina).
- MILTON SYDNEY HEATH, A.M., *Associate Professor of Economics.*
A.B., 1920 (Kansas); A.M., 1924 (Harvard).
- ELISHA KENT KANE, Ph.D., *Associate Professor of Spanish.*
A.B., 1917, A.M., 1919 (Roanoke College); A.M., 1924, Ph.D., 1926 (Harvard).
- HOWARD FREDERICK MUNCH, A.M., *Associate Professor of the Teaching of Mathematics.*
B.S., 1904 (Adrian College); A.M., 1926 (Chicago).
- FREDERICK BAYS MCCALL, A.B., LL.B., *Associate Professor of Law.*
A.B., 1915 (North Carolina); LL.B., 1928 (Yale).
- ROY WILLIAM MORRISON, Ph.D., *Associate Professor of Education.*
A.B., 1916 (Davidson); Ph.D., 1928 (North Carolina).
- HARRY DEMERLE WOLF, Ph.D., *Associate Professor of Economics.*
B.S., 1922 (Kansas State Teachers College); M.A., 1923, Ph.D., 1926 (Chicago).
- DONALD CONEY, A.M., *Associate Professor of Library Administration.*
A.B., 1925, A.M., 1927 (Michigan).

HANNIBAL GERALD DUNCAN, Th.D., Ph.D., *Acting-Associate Professor of Sociology.*

A.B., 1913 (Wake Forest); M.A., 1915 (Pennsylvania); B.D., 1916. Th.M., 1918 (Crozer Theological Seminary); Th.D., 1918 (Southern Baptist Theological Seminary); Ph.D., 1920 (Pennsylvania).

ALFRED G. WHITE, M.A., *Acting-Associate Professor of Commerce and Resources.*

A.B., 1907 (Lawrence); M.A., 1910 (Wisconsin).

*PAUL ELLIOTT GREEN, A.B., *Assistant Professor of Philosophy.*

A.B., 1921 (North Carolina).

GEORGE WALLACE SMITH, S.B., *Assistant Professor of Engineering.*
S.B., in Electrical Engineering, 1916 (North Carolina).

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A.B., 1921 (Denver); A.M., 1922 (Colorado); Ph.D., 1926 (North Carolina).

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S.B., in Chemistry, 1921, S.M., 1922, Ph.D., 1926 (North Carolina).

GERALD RALEIGH MACCARTHY, Ph.D., *Assistant Professor of Geology.*

A.B., 1921 (Cornell); A.M., 1924, Ph.D., 1926 (North Carolina).

MICHAEL ARENDELL HILL, JR., A.M., *Assistant Professor of Mathematics.*

A.B., 1920, A.M., 1921 (North Carolina).

HARRY ALBERT HARING, JR., Ph.D., *Assistant Professor of Economics.*

B.A., 1922, M.A., 1923, Ph.D., 1925 (Yale).

FRANK RICHARDSON GARFIELD, A.B., *Assistant Professor of Economics.*

A.B., 1923 (Amherst).

HUBERT CROUZE HEFFNER, A.M., *Assistant Professor of English.*

A.B., 1921, A.M., 1922 (North Carolina).

* Absent on leave, 1928-1929.

- ROBERT ALLEN MCPHEETERS, A.B., LL.B., *Assistant Professor of Business Law.*
A.B., 1920 (Westminster); LL.B., 1925 (Missouri).
- JOHN MINOR GWYNN, A.M., *Assistant Professor of the Teaching of Latin.*
A.B., 1918, A.M., 1927 (North Carolina).
- ARNOLD KIMSEY KING, A.B. in Educ., A.M., *Assistant Professor of the Teaching of History.*
A.B. in Educ., 1925 (North Carolina); A.M., 1927 (Chicago).
- THOMAS JAMES WILSON III, D.Phil. (Oxon.), *Assistant Professor of French.*
A.B., 1921, A.M., 1924 (North Carolina); D.Phil., 1927 (Oxford).
- RALPH MCCOY TRIMBLE, C.E., S.M., *Assistant Professor of Civil Engineering.*
C.E., 1921 (Virginia); S.M., 1927 (North Carolina).
- JOHN CORIDEN LYONS, Ph.D., *Assistant Professor of French.*
B.S., 1920, M.A., 1921 (William and Mary); Ph.D., 1927 (North Carolina).
- JEFFERSON CARNEY BYNUM, S.M., *Assistant Professor of Geography and Geology.*
S.B. in Geology, 1920, S. M., 1926 (North Carolina).
- THOMAS SMITH McCORKLE, B.Mus., *Assistant Professor of Music.*
B.Mus., 1920 (Texas W. C. Conservatory).
- PAUL WOODFORD WAGER, Ph.D., *Assistant Professor of Rural Social Economics.*
B.S., 1917 (Hobart College); A.M., 1920 (Haverford); Ph.D., 1927 (North Carolina).
- MARION LEE JACOBS, Ph.G., M.Sc., *Assistant Professor of Pharmacy.*
Ph.G., 1920 (North Carolina); M.Sc., 1926 (Nebraska).
- WILLIAM VANN PARKER, A.M., *Assistant Professor of Mathematics.*
A.B., 1923, A.M., 1924 (North Carolina).
- CHARLES DALE BEERS, Ph.D., *Assistant Professor of Zoölogy.*
A.B., 1921, A.M., 1922 (North Carolina); Ph.D., 1925 (Johns Hopkins).
- FLETCHER MELVIN GREEN, Ph.D., *Assistant Professor of History.*
B.Ph., 1920 (Emory); A.M., 1922, Ph.D., 1927 (North Carolina).
- SALLIE BELLE MARKS, M.A., *Assistant Professor of Elementary Education.*
A.B., 1923 (S. W. Teachers College); M.A., 1926 (Columbia).
- CECILIA HATRICK BASON, M.A., *Assistant Professor of Education in Extension Teaching.*
A.B., 1909 (Flora Macdonald); M.A., 1926 (Columbia).

ADDISON THAYER CUTLER, A.M., *Assistant Professor of Economic Statistics.*

A.B., 1924 (Amherst); A.M., 1926 (North Carolina).

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A.B., 1920, A.M., 1922, Ph.D., 1927 (North Carolina).

RALPH WALTON BOST, Ph.D., *Assistant Professor of Chemistry.*

A.B., 1923 (Newberry); A.M., 1924, Ph.D., 1928 (North Carolina).

COLLIER BRYSON SPARGER, S.M., *Assistant Professor of Accounting.*

S.B. in Comm., 1922, S.M., 1928 (North Carolina).

STEPHEN ALBERT EMERY, Ph.D., *Assistant Professor of Philosophy.*

A.B., 1923, Ph.D., 1928 (Cornell).

WIRTH FITCH FERGER, M.A., *Assistant Professor of Economics.*

B.A., 1919, M.A., 1928 (Wisconsin); M.A., 1920 (Columbia).

JAMES GILBERT EVANS, M.A., *Assistant Professor of Economics.*

A.B., 1921 (Simpson); M.A., 1924 (Illinois).

RAYMOND WILLIAM ADAMS, Ph.D., *Instructor in English.*

A.B., 1920 (Beloit); A.M., 1921, Ph.D., 1928 (North Carolina).

WILLIAM ANDERSON OLSEN, A.M., *Instructor in English.*

A.B., 1923 (Cornell); A.M., 1928 (North Carolina).

JOHN LEROY SMITH, A.M., *Instructor in French.*

A.B., 1917, A.M., 1924 (North Carolina).

STERLING AUBREY STOUDEMIRE, A.M., *Instructor in Spanish.*

A.B., 1923, A.M., 1924 (North Carolina).

THOMAS EWELL WRIGHT, A.M., *Instructor in French.*

A.B., 1922, A.M., 1926 (North Carolina).

THOMAS BRYAN SMILEY, S.M., *Instructor in Electrical Engineering.*

S.B. in Electrical Engineering, 1925, S.M., 1928 (North Carolina).

MYRON IRVING BARKER, A.M., *Instructor in French.*

B.A., 1923 (Cornell); A.M., 1927 (North Carolina).

WILLIAM RICHARDSON ABBOT, A.M., *Instructor in English.*

B.A., 1923 (Virginia); A.M., 1924 (Princeton).

HENRY THOMAS SHANKS, A.M., *Instructor in History.*

B.A., 1918 (Wake Forest); A.M., 1923 (Chicago).

CHARLES CHRISTOPHER CRITTENDEN, M.A., *Instructor in History.*

B.A., 1921, M.A., 1922 (Wake Forest).

NELSON OTIS KENNEDY, Mus.B., *Instructor of Piano and Pipe Organ.*

Mus.B., 1923 (Knox College Conservatory); Mus.B., 1926 (American Conservatory).

WILLIAM CALLIER SALLEY, A.B., *Instructor in Spanish*.
A.B., 1923 (Alabama).

LAURENS EARLE BUSH, S.M., *Instructor in Mathematics*.
B.S., 1919 (The Citadel); S.M., 1926 (North Carolina).

ARLEY THEODORE CURLEE, A.B. in Educ., A.M., *Instructor in Mathematics*.
A.B. in Educ., 1926, A.M., 1927 (North Carolina).

JAMES WILLIS POSEY, A.M., *Instructor in English*.
A.B., 1923 (Texas); A.M., 1927 (North Carolina).

MACK HALL GRIFFIN, A.M., *Instructor in Classics*.
A.B., 1924 (Georgia); A.M., 1926 (North Carolina).

JAMES OSLER BAILEY, A.M., *Instructor in English*.
A.B., 1924, A.M., 1927 (North Carolina).

REECE CROXTON BLACKWELL, A.M., *Instructor in Mathematics*.
A.B., 1924 (Furman); A.M., 1927 (North Carolina).

WILLIAM PEW BRANDON, A.M., *Instructor in History*.
B.Ph. 1924 (Emory); A.M., 1925 (North Carolina).

ROBERTS COZART BULLOCK, A.M., *Instructor in Mathematics*.
A.B., 1926, A.M., 1928 (North Carolina).

JAMES WELCH PATTON, A.M., *Instructor in History*.
A.B., 1924 (Vanderbilt); A.M., 1925 (North Carolina).

SAMUEL SELDEN, A.B., *Instructor in English*.
A.B., 1922 (Yale).

HILL SHINE, A.M., *Instructor in English*.
A.B., 1921, A.M., 1925 (North Carolina).

KEY LEE BARKLEY, A.M., *Instructor in Psychology*.
A.B., 1926 (Berea); A.M., 1927 (North Carolina).

GEORGE WARD FENLEY, A.M., *Instructor in French*.
A.B., 1921, A.M., 1924 (Baylor).

WILLIAM MARION MEBANE, S.M., *Instructor in Chemistry*.
S.B. in Chem., 1925, S.M., 1926 (North Carolina).

JOHN ALPHEUS BENDER, S.M., *Instructor in Pharmacology*.
S.B. in Chem., 1922, S.M., 1923 (North Carolina).

RUDOLPH SAMUEL MATTHEWS, A.B., *Instructor in German*.
A.B., 1925 (North Carolina).

LEE MARSHALL BROOKS, A.M., *Instructor in Sociology*.
A.B., 1925 (Boston); A.M., 1926 (North Carolina).

MARTIN WHITFORD TRAWICK, A.B., *Instructor in Physics*.
A.B., 1925 (Davidson).

LORENZO JAMES BELL, JR., A.B., *Instructor in German*.
A.B., 1927 (North Carolina).

ROBERT WHITE LINKER, A.M., *Instructor in French*.
A. B., 1925, A.M., 1928 (North Carolina).

WILLIAM LESTER WILSON, A.M., *Instructor in English*.
A.B., 1921 (Piedmont); A.M., 1928 (North Carolina).

THOMAS PATRICK MADDEN, A.B., *Instructor in English*.
A.B., 1927 (Notre Dame).

DAVID RICE MCKEE, A.B., *Instructor in French*.
A.B., 1924 (Princeton).

HENRY NELSON DEWICK, A.M., *Instructor in Psychology*.
A.B., 1927, A.M., 1928 (Wesleyan).

ERNEST HENRY HICKS, M.A., *Instructor in Education in Extension Teaching*.
B.S., 1926, M.A., 1927 (George Peabody).

JOHN ERWIN CARROLL, A.M., *Instructor in Romance Languages*.
B.S., 1923 (The Citadel); A.M., 1928 (North Carolina).

CHARLES EDWARD FELTNER, B.S. Civ. Eng'g., *Instructor in Engineering*.
B.S. in Civ. Eng'g., 1928 (Virginia Polytechnic Institute).

CHARLES EDWARD CAUTHEN, M.A., *Instructor in History*.
A.B., 1917 (Wofford); M.A., 1925 (Columbia).

ARTHUR RUSSELL HOLLETT, S.B. Civ. Eng'g., *Instructor in Engineering*.
S.B. in Civ. Eng'g., 1928 (North Carolina).

CHARLES BASKERVILLE ROBSON, A.M., *Instructor in History*.
A.B., 1919 (Davidson); A.M., 1924 (Princeton).

RAYMOND FRANKLIN STAINBACK, S.B. Elec. Eng'g., *Instructor in Electrical Engineering*.
S.B. in Elec. Eng'g., 1926 (North Carolina).

ELIZABETH T. ALLING, A.B., *Instructor in Education in Extension Teaching*.
A.B., 1919 (Wisconsin).

MAURICE LEON RADOFF, A.M., *Instructor in French*.
A.B., 1926, A.M., 1927 (North Carolina).

KATHERINE EVERETT GILBERT, Ph.D., *Instructor in Philosophy*.
A.B., 1908, A.M., 1910 (Brown); Ph.D., 1912 (Cornell).

JOHN AYMAN DOWNS, A.B. in Educ., *Instructor in French*.
A.B. in Educ., 1927 (North Carolina).

HENRY ASHBY RANKIN, JR., A.M., *Instructor in English*.
A.B., 1922, A.M., 1927 (North Carolina).

TEACHING FELLOWS, 1928-1929

GEORGE CLINTON HOLROYD, S.B. in Chem.....	Chemistry
SAMUEL MANER MARTIN, Jr., B.S.....	Chemistry
DAVID TUTTLE MILNE, A.B.....	Chemistry
VAN COURTLANDT ELLIOTT, A.B.....	Classics
MAXWELL GALBRAITH PANGLE, A.M.....	Economics
WILLIAM EARLE DRAKE, A.M.....	Education
GEORGE MCNEILL ROSE, Jr., S.B. in Elec. Eng'g.	Electrical Eng'g.
GEORGE FRANK SENSABAUGH, A.B.....	English
HERMAN EVERETTE SPIVEY, A.B.....	English
ROBERT MARSDEN WALLACE, A.B.....	English
IRVING LEE MARTIN, S.M.....	Geology
JESSE MAYNARD HUGGINS, A.B.....	German
CARL HAMILTON PEGG, A.M.....	History & Gov't.
COLVIN WOOD SALLEY, A.B.....	History & Gov't.
JAMES ERIC MERRITT, A.B. in Educ.....	History & Gov't.
EDWARD ALEXANDER CAMERON, A.B. in Educ..	Mathematics
EDWARD CALEB COKER, Jr., B.S.....	Mathematics
PAUL JAMES STEELE, B.S.....	Physics
ABRAM BAYROFF, B.S.....	Psychology
PHILIP LESTER BOARDMAN, A.M.....	Romance Languages
CHARLES THOMAS LIPSCOMB, Jr.*.....	Romance Languages
ALFRED BYRON WHITE, A.B.....	Romance Languages
PAUL WALBERT SHANKWEILER, A.M.....	Sociology
JOSHUA PAUL REYNOLDS, B.S.....	Zoölogy

STUDENT ASSISTANTS, 1928-1929

AUGUSTUS STEELE ROSE.....	Anatomy
STERLING ARCHIE BARRETT.....	Botany
HERBERT THOMPSON BROWNE.....	Botany
ADRIAN BOOKER COUCH.....	Botany
ALMA HOLLAND, A.B.....	Botany
WILLIAM FREDERICK KESSLER.....	Botany
ROSCOE HOWARD MORGAN.....	Botany
KENNETH BRYAN RAPER.....	Botany
BUDD ELMON SMITH.....	Botany
REBECCA WARD, A.B.....	Botany
ROY FRANK ABERNETHY.....	Chemistry
DAVID RAMSEY EGGLE, S.M.....	Chemistry
JOHN BRYANT GALLENT, S.M.....	Chemistry
ARTHUR EDWARD HUGHES, B.S.....	Chemistry
HARVEY ALBERT LJUNG, S.M.....	Chemistry
ROBINSON EMMONS MATTHEWS.....	Chemistry
WILLIAM JUDSON MATTOX, A.B.....	Chemistry

* Requirements for A.B. completed.

ROBERT DILL NORTON, M.S.....	Chemistry
CHARLES LAMAR THOMAS, S.B. Chem.....	Chemistry
ETHEL RUTH WARD, B.A.....	Chemistry
WILLIAM WALDO WILLIAMS, B.S.....	Chemistry
ROGERS CHRISTOPHER WADE.....	{ Economics & Commerce
JAMES CARROLL ABBOTT.....	{ Economics & Commerce
SAM STEPHENSON MCNEELY, JR.....	{ Economics & Commerce
NICHOLAS ALEXANDER BOGOLUBOFF.....	{ Economics & Commerce
MILUS HOGUE CARROLL.....	{ Economics & Commerce
WILLIAM JENNINGS BOLEN, S.B. Civ. Eng'g.....	Engineering
GIRARD EDGAR BOUDREAU.....	Engineering
TURNER GRIFFIN, S.B. Elec. Eng'g.....	Engineering
WILLIAM NORWOOD MICHAL.....	Engineering
THOMAS PASTEUR NOE.....	Engineering
JAMES JERRY SLADE, JR.....	Engineering
RANKIN JONES WHITE.....	Engineering
WILLIAM JEROME WORTMAN.....	Engineering
GEORGE FREDERICK HORNER, M.A.....	English
SAMUEL JESSE MCCOY, A.B.....	English
THOMAS PATRICK MADDEN, A.B.....	English
MAURICE AUGUSTUS MOORE, JR., A.M.....	English
WILLIAM JOHN OLIVE, A.B. Educ.....	English
HARRY KITSUN RUSSELL, A.M.....	English
EDWARD PINCKNEY VANDIVER, JR., A.M.....	English
ARTHUR SPEECE WITHERS, A.B.....	English
WINNIE MCGLAMERY, A.B.....	Geology
CLIFTON CARR STOKES.....	Geology
THOMAS LINGLE KESLER.....	Geology
CARL BARRIER BROWN.....	Geology
WALLACE HAMILTON KURALT.....	Geology
MARGARET D. SLAVENS, A.M.....	Geology
EDWIN MARVIN PERKINS.....	Geology
GRANT LESTER DONNELLY.....	Pharmacology
HARRY EUGENE BOLEN.....	Pharmacy
DONALD POLEN CHAMBLEE.....	Pharmacy
JAMES BEARDSLEY CONNELL.....	Pharmacy
FRANK WILSON DAYVAULT.....	Pharmacy
MILTON LAU BRAUN, A.M.....	Physics
PAUL EDMONDSON SHEARIN.....	Physics

FRANK LEROY SMITH.....	Physics
HENRY HERMANN ZURBURG.....	Physics
AUGUSTUS CAMPBELL JENNINGS.....	Rom. Lang.
EZDA MAY DEVINEY, A.B.....	Zoölogy
JAMES PAYNE FAGAN.....	Zoölogy
ROBERT EDWARD STONE.....	ZOÖLOGY
THOMAS COBB WATKINS, B.S.....	ZOÖLOGY
MONROE CRAIG YODER, M.A.....	ZOÖLOGY

FACULTY COMMITTEES

The President is a member *ex officio* of all committees.

ADVISORY (*elected*). Professors Carroll, Coker, W. C., Connor, Graham, Wilson, L. R., MacNider, Bell, Royster, Braune.

EXECUTIVE (*elected*). Professors Carroll, Chairman, Dey, Hobbs, A. W., Knight, Mangum, Prouty.

ATHLETICS. Professors Hobbs, A. W., Chairman, Connor, Baity.

CHAPEL. Professors Bradshaw, Chairman, Bernard, Coates, Mangum, Meyer, Odum, Weaver, Mr. Comer.

CO-OPERATION WITH THE ALUMNI. Professors Bernard, Bradshaw, Coates, Connor, Graham, Wilson, L. R.

DEBATES. Professors Bernard, Coates, Jones, McKie, Williams.

DRAMATICS. Professors Koch, Chairman, Daggett, Howe, McKie, Weaver, Wheeler.

ENGLISH COMPOSITION. Professors Thrall, Chairman, Bell, Carroll, Leavitt, Pierson, Bagby, Coates, Farrar, MacMillan, Sanders, W. B., Swartz, Totten.

ENTRANCE REQUIREMENTS. Professors Walker, Chairman, Bradshaw, Caldwell, Daggett, Harrer, Knight, Royster, Wilson, T. J.

FOREIGN STUDY. Professors Dey, Chairman, Pierson, Leavitt, Harrer, Bell, Zimmerman, Mr. Grumman.

FRATERNITIES. Professors Dey, Chairman, Bernard, Bradshaw, Lyons, Royster, Wilson, T. J.

GROUNDS AND BUILDINGS. Professors Coker, W. C., Chairman, Booker, Braune, MacNider, Odum, Wheeler, Mr. Woollen.

HEALTH AND SANITATION. Doctor Abernethy, Chairman, Professors Braune, Bullitt, Saville, Mr. Woollen.

LIBRARY BOOK COMMITTEE. Professors Wilson, L. R., Chairman, Bernard, Coker, W. C., Dey, Murchison, Pierson, Jones.

LIBRARY BUDGET. The Librarian, the Deans of the College, the Schools of Applied Science, Commerce, Engineering, Education, and the Graduate School, the President.

McNAIR LECTURES. Professors Williams, Chairman, Bell, Harrer, Henderson, MacNider.

MUSICAL AND DRAMATIC ACTIVITIES. Professors Hibbard, Chairman, Howe, Jones, Koch, Weaver, Wilson, L. R.

PUBLIC LECTURES. Professors Hibbard, Chairman, Coker, W. C., Foerster, Henderson, MacNider.

PUBLIC OCCASIONS AND CELEBRATIONS. Professors Connor, Hamilton, Henderson, Howe, Knight, Mangum, Weaver, Wheeler, Mr. Woollen.

REGULATION OF STUDENT DANCES. Professors Bernard, Chairman, Coker, R. E., Dey.

STUDENT LIFE AND ACTIVITIES. Professors Bradshaw, Chairman, Bernard, Booker, Hibbard, Meyer, Weaver.

STUDENT MORTALITY. Professors Trabue, Chairman, Bradshaw, Dashiell, Hibbard, Jordan, Lasley, Royster, Wilson, T. J.

UNIVERSITY SERMONS. Professors Toy, Chairman, Cobb, Knight, Odum, Wheeler.

WEIL LECTURES. Professors Odum, Chairman, Connor, Murchison, Wilson, L. R.

PART TWO—GENERAL INFORMATION

THE UNIVERSITY
GROUNDS AND BUILDINGS
LIBRARY
THE UNIVERSITY PRESS
ADMISSION
EXPENSES
PECUNIARY AID
MEDALS AND PRIZES
REGULATIONS
STUDENT GOVERNMENT
PUBLIC LECTURES
UNIVERSITY ORGANIZATIONS
THE ASSOCIATION OF THE ALUMNI

THE UNIVERSITY

FOUNDATION AND GOVERNMENT

The University was established in obedience to the first Constitution of the State, which was adopted in December, 1776. A clause of section XLI declared that "all useful learning shall be duly encouraged and promoted in one or more universities." The charter was granted by the General Assembly in 1789, the cornerstone of the Old East Building was laid in 1793, and the University was opened in 1795.

The title, preamble, and first section of the Act of Incorporation are as follows:

"AN ACT TO ESTABLISH A UNIVERSITY IN THIS STATE"

"WHEREAS in all well regulated Governments, it is the indispensable Duty of every Legislature to consult the Happiness of a rising Generation, and endeavor to fit them for an honorable Discharge of the Social Duties of Life, by paying the strictest attention to their Education: And whereas an University supported by permanent Funds, and well endowed, would have the most direct Tendency to answer the above Purpose:

"I. *Be it therefore enacted by the General Assembly of the State of North Carolina, and it is hereby enacted by the Authority of the Same, That, Samuel Johnson, James Iredell, Charles Johnson, Hugh Williamson, Stephen Cabarrus, Richard Dobbs Spaight, William Blount, Benjamin Williams, John Sitgreaves, Frederick Harget, Robert Snead, Archibald Maclaine, Honourable Samuel Ashe, Robert Dixon, Benjamin Smith, Honourable Samuel Spencer, John Hay, James Hogg, Henry William Harrington, William Barry Grove, Reverend Samuel Mc*

Corkle, Adlai Osborne, John Stokes, John Hamilton, Joseph Graham, Honourable John Williams, Thomas Person, Alfred Moore, Alexander Mebane, Joel Lane, Willie Jones, Benjamin Hawkins, John Haywood, senior, John Macon, William Richardson Davie, Joseph Dixon, William Lenoir, Joseph M'Dowell, James Holland and William Porter, Esquires, shall be and they are hereby declared to be a body politic and corporate to be known and distinguished by the name of *The Trustees of the University of North Carolina** and by that name shall have perpetual Succession and a common Seal; and that they, the Trustees and their Successors, by the Name aforesaid, or a Majority of them, shall be able and capable in Law to take, demand, receive and possess all Monies, Goods and Chattels that shall be given them for the Use of the said University and the same apply according to the Will of the Donors, and by Gift, Purchase or Devise to take, have, receive, possess, enjoy and retain to them and their Successors forever, any Lands, Rents, Tenements and Hereditaments, of what Kind, Nature or Quality soever the same may be, in special Trust and Confidence that the same or Profits thereof shall be applied to and for the Use and Purpose of establishing the said University."†

The University is governed by a board of trustees elected by the Legislature and is free from sectionalism, sectarian or political control. The Governor of the State is *ex officio* President of Board of Trustees.

Article IV of the Constitution of 1876 contains the following provisions regarding the University:

"Sec. 6. The General Assembly shall have power to provide for the election of Trustees of the University of North Carolina, in whom, when chosen, shall be vested all the privileges, rights, franchise, and endowments thereof, in any wise granted to or conferred upon the Trustees of said University; and the General Assembly may make such provisions, laws, and regulations from time to time as may be necessary and expedient for the maintenance and management of said University.

"Sec. 7. The General Assembly shall provide that the benefits of the University, as far as practicable, be extended to the youth of the State free of expense for tuition; also all the property which has heretofore accrued to the State, or shall hereafter accrue, from escheats, unclaimed dividends, or distributive shares of the estates of deceased persons, shall be appropriated to the use of the University."

SITUATION AND GENERAL ADVANTAGES

The University is situated at Chapel Hill, twelve miles from Durham and thirty miles from Raleigh. It may be reached by rail from University Junction, or by an automobile line which maintains a regular schedule from Durham. The site of the University is on a promontory of granite, belonging to the Laurentian system, about three hundred feet above the sandstone formation to the east that was once the bed of a great body of water. It is near the center of the State, midway between the mountains and the sea, with sufficient elevation to insure healthful and pleasant working conditions. On this promontory the great roads from

* The corporate name has been changed to The University of North Carolina.

† Laws of the State of North Carolina, published by James Iredell, Edenton, 1791.

Petersburg to Pittsboro and from New Bern to Greensboro crossed. At the crossing was a chapel of the Church of England, giving to the eminence its name, New Hope Chapel. The name "Chapel Hill" occurs in the report of the Trustees, November, 1792, on the choice of a site, and a contemporary account describes the site as follows:

"The seat of the University is on the summit of a very high ridge. . . . The ridge appears to commence about half a mile directly east of the building, where it rises abruptly several hundred feet. This peak is called Point Prospect. The flat country spreads out below like the ocean, giving an immense hemisphere in which the eye seems lost in the extent of space."

The University owns, contiguous to the campus of one hundred and six acres, five hundred acres of forest lands, partly laid off in walks and drives. The present buildings of the University, forty-six in number, range in age from the Old East dating from 1793 to the Woman's Building which was put in service in September, 1925. A model central power plant provides heat, water and electric lights for all the buildings. The infirmary is a modern building completely equipped and under the direction of the University Physician. Records prove that health conditions at the University are excellent.

NEW BUILDING PROGRAM

The appropriations for permanent improvements made by the General Assemblies of 1921, 1923, 1925, and 1927 have made it possible to begin work on the development of the South Campus. There are now completed eight new dormitories capable of housing nine hundred and sixty students, a large building for the Departments of History and Social Sciences, a similar building for the Language Departments, and a handsome building for the School of Law. A commodious building, one hundred ten by three hundred ten feet for indoor athletics, has recently been completed. The Venable Hall of Chemistry for the Department of Chemistry and the Woman's Building were put in service in the summer and fall of 1925. The South Building has been thoroughly renovated and given over to the administrative officers for offices and to the University Extension Division for its work. The New East has been entirely renovated and is occupied by the Department of Geology and the Philanthropic Assembly. Similarly the New West Building after complete renovation is now occupied by the Department of Psychology and the Dialectic Senate. The new Bingham Hall goes into use this session in the service of the School of Commerce. The magnificent new Library is expected to be ready for use before the end of next summer.

ORGANIZATION AND DEGREES

The University is organized into a College of Liberal Arts and seven Schools, which have jurisdiction over degrees as follows: The College of Liberal Arts, Bachelor of Arts, Bachelor of Arts in Journalism, and Bachelor of Arts in Music, and jointly with the School of Law, Bachelor of Arts and Laws; the School of Applied Science, Bachelor of Science in Chemistry, in Geology, jointly with the School of Medicine, in Medicine, and jointly with the School of Pharmacy, in Pharmacy; the School of Education, Bachelor of Arts in Education, and Bachelor of Arts in Education (Elementary); the School of Commerce, Bachelor of Science in Commerce, and jointly with the School of Law, Bachelor of Science in Commerce and Laws; the School of Engineering, Bachelor of Science in Electrical Engineering, in Civil Engineering, in Chemical Engineering, and in Mechanical Engineering; the Graduate School, Master of Arts, Master of Science, and Doctor of Philosophy; the School of Law, Bachelor of Laws, Bachelor of Arts and Laws (jointly with the College of Liberal Arts), and jointly with the School of Commerce, Bachelor of Science in Commerce and Laws; the School of Medicine, Bachelor of Science in Medicine (jointly with the School of Applied Science); the School of Pharmacy, Graduate in Pharmacy and Bachelor of Science in Pharmacy (jointly with the School of Applied Science).

The School of Public Welfare offers courses of professional training for social work and community leadership.

In the Summer School are offered many courses for which regular University credit is allowed, including special courses (particularly in Elementary education) designed primarily for the teachers of the State. Practically all the work offered is of collegiate grade and may be counted towards some degree from the University.

There is also a Division of Extension through which the services of the University Faculty and certain material equipment of the University are made available to the people of the State generally.

THE COLLEGE YEAR

The college year is divided into fall, winter, and spring quarters of approximately twelve weeks each, and a summer quarter divided into two terms of about six weeks each. There is a Thanksgiving recess of three days, a Christmas recess of approximately two weeks, and a spring recess of about six days.

RELIGIOUS INFLUENCES

Through the coöperation of all concerned, religious influences of unusually effective character surround the University student.

Chapel exercises, conducted in turn by the ministers of the town, are held in Memorial Hall every week-day morning, except Saturday, at ten-thirty o'clock. The Young Men's Christian Association, to which the University makes annual contributions, is of great value in the life of the campus. Its Bible Study classes enroll each year a large proportion of the student body; its regular religious services, its individual contacts, and its participation in the general University program of student welfare, are among the activities that make it an indispensable part of the University organization.

The larger denominations of the State have erected at Chapel Hill modern and adequate church plants. Within the past few years Presbyterians, Baptists, Episcopalians, and Methodists have rebuilt on a large scale. The Chapel Hill churches are manned by an effective and coöperative group of pastors, are all located in close proximity to the campus, and play a very large and genuine part in the life of the University.

DISCIPLINE

The University endeavors to make young men manly and self-reliant, and to develop character by educating the conscience. The Faculty may, at their discretion, admonish, suspend, or dismiss students for neglect of duty, or for misconduct.

PHYSICAL TRAINING

Hearty encouragement is given to athletic sports and to all kinds of physical culture. The Emerson Athletic Field, the gift of Mr. Isaac Emerson, of Baltimore, furnishes ample facilities for football and baseball, and the track is admirably adapted for running and general track athletics. Two new fields for general athletic purposes have been completed recently and put into use. These fields lie directly to the east of Emerson Field and serve the Freshmen teams and other class teams and for intra-mural athletics of various kinds. More than fifty tennis courts are located on the campus. The Kenan Memorial Stadium, given by William Rand Kenan, '94, has been completed. This stadium seating more than 24,000 together with a commodious field house, also the gift of Mr. Kenan, was put into service in the fall of 1927.

In addition to inter-collegiate athletics the University fosters an unusually extensive program of intra-mural sports, involving over half the undergraduates in a wide variety of games. There are contests in basketball, tag-football, indoor and outdoor baseball, tennis, soccer, quoits, riflshooting, boxing, wrestling, fencing, and track. Intra-mural teams offer every interested student opportunity for participation in some interesting and healthful form of

competition with his fellows, for learning team work and good sportsmanship.

Exercise is required three hours a week of all Freshmen, unless excused. In the fall a thorough physical examination of each Freshman is made, and the heart, the lungs, the eyes, and the ears are tested, in order that students defective in physical development may be given special work under the personal supervision of the Director. Round shoulders, flat chests, curvature of the spinal column, hernia, and mild cases of congenital paralysis are thus often greatly benefited and sometimes completely corrected.

MEDICAL ATTENTION

In order to secure responsible and efficient medical advice and to provide proper attention for the student during sickness, the University employs a practising physician and maintains a well appointed Infirmary. The Infirmary is equipped with all necessary conveniences and comforts, is under the immediate supervision of the University Physician, and is provided with two experienced nurses. At the discretion of the University Physician a student may be admitted to its wards, and for such services as may be rendered by the staff no charges are made. But should any additional service (consultation, special nurses, operations requiring the attendance of a trained surgeon), recommended by the attending physician and approved by the parent or guardian, be necessary the student will be required to pay for such services.

GROUND S AND BUILDINGS

The University campus contains one hundred and six acres of land, affording ample grounds for building and for all sorts of athletic sports. The University owns, contiguous to the campus, five hundred acres of forest lands, which are partly laid off in walks and drives. The University has forty-six buildings.

The Old East Building (1793) contains thirty-nine living rooms.

Person Hall (1795) is used temporarily by the Department of Music.

The South Building (1798) has been renovated and converted into an office building for the administrative officers of the institution. It furnishes quarters also for the University Extension Division.

Gerrard Hall (1822) is used for lectures and student assemblies.

The Old West Building (1822) contains thirty-nine living rooms.

Smith Hall (1849) contains the theatre and workshop of the Carolina Playmakers.

The New East Building (1857) contains the Philanthropic Literary Society's Hall, the Geological Laboratories and Museum, lecture rooms, and conference rooms for the Department of Geology.

The New West Building (1857) has been renovated and contains the Dialectic Literary Society's Hall and lecture and laboratory and conference rooms for the Department of Psychology.

Memorial Hall (1883) commemorates the illustrious dead of the University. It is used for chapel exercises, for Commencement, and for other public exercises.

Alumni Hall (1898) provides accommodations for the School of Public Welfare, the Department of Philosophy, the University Press, and the student publications.

The Carr Dormitory (1901) contains thirty-two living rooms.

The Smith Dormitory (1901) contains living rooms, and club and dining rooms for fifty-one male graduate students.

The William Preston Bynum, Jr., Gymnasium (1904) is furnished with modern apparatus, swimming pool, baths, and running track; and contains a trophy room and the office of the Director.

The Young Men's Christian Association Building (1904) is a valuable adjunct to the work of the Association.

Pharmacy Hall (1905) contains the laboratories, lecture rooms, library, and offices of the School of Pharmacy.

The Library (1907) contains the offices, stack rooms, and reading rooms of the main library.

The Infirmary (1907) is completely equipped for service to the students of the University.

Davie Hall (1908) contains the laboratories, lecture rooms, library, and offices of the Departments of Botany and Zoölogy.

Caldwell Hall (1911) contains the laboratories, lecture rooms, library, and offices of the School of Medicine.

The Peabody Building (1912) contains the lecture rooms, library, laboratories, and offices of the School of Education.

The Battle-Vance-Pettigrew Dormitories (1912) contain twenty-four living rooms each.

Swain Hall (1913) contains a dining hall with a seating capacity of six hundred, kitchens, bakery, and a cold storage plant.

Phillips Hall (1918) contains the laboratories, lecture rooms, library, and offices of the School of Engineering and the Departments of Mathematics and Physics.

The Steele Dormitory (1920) contains thirty-six living rooms.

The Mangum Dormitory (1921) contains sixty living rooms.

The Grimes Dormitory (1921) contains sixty living rooms.

The Manly Dormitory (1921) contains sixty living rooms.

The Ruffin Dormitory (1921) contains sixty living rooms.

Saunders Hall (1922) contains the lecture rooms and conference rooms of the Department of History and Government and the Department of Rural Social Economics.

Murphey Hall (1922) contains the lecture rooms, seminar rooms, and offices of the Departments of English, German, the Classics, and Romance Languages.

Manning Hall (1923) contains the lecture rooms, library, reading rooms, and offices of the School of Law.

The Aycock Dormitory (1924) contains sixty living rooms.

The Graham Dormitory (1924) contains sixty living rooms.

The Lewis Dormitory (1924) contains sixty living rooms.

The Woman's Building (1924) contains living rooms, parlors, and dining hall for the young women in attendance at the University.

Venable Hall of Chemistry (1924) contains the laboratories, lecture rooms, library, museum, and offices of the Department of Chemistry.

The Everett Dormitory (1928) contains sixty living rooms.

Bingham Hall (1928) contains the laboratories, lecture rooms, library, and offices of the School of Commerce.

The University Library (1928), to be completed in the summer, will contain the offices, stack rooms, seminar rooms, and reading rooms of the main library.

Besides the buildings named above the University owns a number of service and residence buildings.

The Geological Laboratories

The New East Building, in part of which the Department of Geology was formerly housed, was completely remodeled during the year 1926 and now affords one of the best geological laboratories in the country. The entire building, with the exception of a portion of the fourth floor which is occupied by the Philanthropic Society Hall, now consists of laboratory and class rooms.

On the ground floor there is a museum where are exhibited type specimens of rocks, minerals, and fossils, together with numerous relief maps, models, etc., of local and general interest. There is also on this floor a large lecture room seating ninety-three, and an especially constructed precision laboratory where delicate operations requiring total freedom from vibration can be carried on. On the upper floors are located several smaller classrooms, special laboratories for general geology, historical geology, paleontology, mineralogy, crystallography, economic geology, petrography and petrology, geography, soils, and geophysics, each subject having special equipment and separate laboratory rooms.

The departmental library contains a large number of works relating to geology, geography, mineralogy, and allied subjects, numerous separates, bound and current volumes of the more important geological and geographical magazines, and many reports, monographs, and the like issued by state and national surveys, and learned societies.

All the laboratories are well fitted with the necessary apparatus and supplies, and a large room especially equipped for the purpose has been set aside for research in problems which require unusual laboratory facilities.

The Chemical Laboratories

In the fall of 1925 the department of Chemistry took up its work in Venable Hall of Chemistry, named in honor of Dr. Francis Preston Venable. The building is about 200 feet square, and covers nearly an acre. The front of the building, three stories high, contains library, five classrooms, general office, museum, and laboratories of physical and electro chemistry. The south wing, two stories high contains 38 small rooms for staff-offices and private laboratories, thus providing each member of the staff and each graduate student with an individual laboratory. The court within the arms of these two sections contains a one-story structure, with

factory, sawtooth roof, and has twelve large laboratories for general chemistry, analytical chemistry, organic chemistry and a store-room. Industrial chemistry is provided with a room of about 1,600 square feet area and 25 feet high. It has a traveling crane overhead to lift and move about apparatus of semi-commercial size. Adjoining this room are four small rooms for control work, a dark room, a transformer room, and rooms for the control of the ventilating system. At each desk in the laboratories are outlets for gas, air, steam, water, and electric power, and an opening into the exhaust ventilating ducts. A large lecture room, seating 256, is lighted from above and has special ventilation.

The laboratories are well equipped with apparatus for the regular courses and for research work of instructors and students, and the library contains a most excellent collection of books and journals which are indispensable in research work.

The Biological Laboratories

The biological building, Davie Hall, is occupied by the departments of Zoölogy and Botany. It consists of a main building, facing south, on the north side of which has been added a wing, facing east and west, of about the same size as the main building. The bulk of the main building is occupied by Zoölogy; the wing is occupied by Botany. The building lies to the east of the New East and adjoins the Arboretum. It is faced throughout with light brick.

The main building has a frontage of 125 feet; the depth is 44 feet in the middle section and 38 feet at the ends. A basement underlies the whole, above which are two complete floors, with a third floor over the middle section. The entrance hall, on the first floor, lighted with large windows on each side of the doorway, serves as a museum exhibition room for the display of zoölogical specimens and dissections. The west end of this floor is occupied by a lecture room for the two departments with a seating capacity of one hundred and twenty, the east end by a laboratory for general zoölogy. Each of these rooms has windows, twenty-four, on three sides. The laboratory will accommodate forty students.

On the second floor of the main building the east end is occupied by a single large laboratory, 40 by 35 feet, for anatomical work (comparative anatomy, embryology, histology) in zoölogy. It is lighted on three sides with twenty windows and is designed for that number of students. The west end of this floor has been subdivided. It includes a large laboratory for zoölogical research, a small laboratory for hydrobiology, and two professors' rooms. The middle section of this floor includes the zoölogical library and store rooms. On the third floor is a professor's room and a photographic studio with skylights and large north windows. In the middle section of the basement is a room for microphotography with adjoining

dark rooms, also janitor's room and rooms for the storage of heavy supplies. The east end of the basement is used by the Department of Botany for purposes connected with the Arboretum, the west end by the Department of Zoölogy for the keeping of live animals.

The Botanical Wing of Davie Hall is a fireproof building, 39 feet wide by 80 feet long, with three full floors and an attic. The first floor contains a museum for botanical specimens, potted plants, etc., a professor's laboratory, and a large laboratory lighted on three sides by twenty windows and designed to seat twenty students. This is especially for the teaching of pharmaceutical and economic botany.

The second floor has one large laboratory lighted by twenty-four windows and providing for the same number of students. General and systematic botany are taught in this room. On this floor there is also a large herbarium for the preservation of dried plants and a storeroom.

The third floor is given up mainly to advanced students and research work, chiefly in fungi. There is one laboratory on the north end lighted on three sides and providing for sixteen students. There are also two private laboratories for professors, the botanical library, and a seminar room, as well as small storerooms, etc.

Important adjuncts to the botanical department are the Arboretum, drug garden, greenhouse, and propagating grounds. The former occupies a five-acre tract lying immediately adjoining the Botanical Wing. It is laid off in the naturalistic style and at present contains about 400 species of native and exotic plants grouped in such a way as to illustrate their use in ornamental design and planting. All of these plants are of course available for students in the study of botany and are much used in routine work. A considerable area on the south side of the Arboretum has been developed into a drug garden, and here over one hundred and twenty-five other plants (mostly medicinal and old-fashioned pot-herbs) have been grouped and made available for study by students in botany, especially students in the schools of Pharmacy and Medicine.

The greenhouse has recently been added. It is a commercial range 15 feet wide by 80 feet long and it will be of great help to the department in making available at all times plants for instruction and research. The propagating grounds, immediately adjoining the greenhouse, cover an area of about three acres. Here are raised at little cost most of the ornamental trees and shrubs that are used around the University buildings and on the campus. This area is also used for testing the hardiness and general usefulness of newly introduced species from other countries.

The Medical Laboratories

The medical building, Caldwell Hall, was completed and opened for service in 1912. It is located on the south side of Cameron Avenue opposite Davie Hall.

The main building is 117 x 64 feet and adjoining it on the south side is a wing 63 x 36 feet, each including a basement and two floors. The first floor of the main building is bisected by a hall fourteen feet wide from north to south and a corridor 8 feet wide from east to west. The floor space is therefore subdivided into four equal parts. Each part is subdivided into one large laboratory 34 x 27 feet and two smaller laboratories, 12 x 14 feet. The second floor is practically a duplicate of the first floor. Each of the large laboratories is equipped for forty students and those on the north side are used for all microscopic work and those on the south side for experimental physiology, experimental pharmacology, and physiological chemistry. The smaller laboratories are used as private laboratories for the instructors.

On the first floor of the wing are the lecture room, which has a seating capacity of about seventy-five, and the departmental library; on the second floor are the dissecting hall and private rooms of the instructors in anatomy.

In the basement provision is made for the care of animals and the storage of supplies. The rooms are well lighted, heated, and ventilated and provided with conveniences for proper sanitation. The laboratories are unusually well lighted and equipped with the essentials for efficient work by students and instructors.

The departmental library contains approximately 1,200 bound volumes of the best journals covering the subjects of the first two years of the medical course, most of them in complete sets, and a large number of books on clinical subjects presented by friends of the school, among them the private libraries of some of the most eminent physicians in the State, Dr. T. F. Wood, of Wilmington; Dr. P. E. Hines, of Raleigh; Dr. H. S. Bahnson, of Winston-Salem; Dr. J. E. Ray, of Raleigh.

The Pharmaceutical Laboratories

Pharmacy Hall, used exclusively for pharmaceutical instruction, is a three story brick structure containing thirty-five rooms with a total floor space of 22,000 sq. ft. Adjoining the arboretum, the drug garden, the botany building; located within convenient reach of the buildings for chemistry, medicine, and administration; well ventilated, lighted, heated, and equipped, Pharmacy Hall is admirably adapted to its purposes.

The ground floor contains a lecture room and four laboratories for manufacturing pharmacy, three apparatus and stock-rooms for

all courses, machine room for industrial pharmacy, a pharmacological laboratory, toilets, etc.

The main floor is made up of the library containing several thousand books and bound journals, the museum which is well stocked with exhibits illustrating drugs, chemicals, and processes, laboratories for pharmaceutical chemistry, offices and private laboratories for the teaching staff, an auditorium, the scale room, and two research rooms.

The upper floor contains a materia medica museum and lecture room, three laboratories for dispensing, toxicology, general pharmacy, and medical pharmacy, three stock rooms, a research laboratory, and an office.

The Physical Laboratories

The Physical Laboratories occupy two floors in the west end and the new west wing of Phillips Hall. There are three large laboratories for general physics, two laboratories for advanced work, research laboratories, two photographic dark rooms, and two large apparatus rooms. One of these adjoins the large lecture room, which has a seating capacity of three hundred, and a smaller lecture room seating seventy. The general laboratories are large enough to accommodate more than sixty students at one time and are equipped with a view to accomplishing the maximum amount of laboratory work in the minimum time. All laboratories and lecture rooms are supplied with gas, running water, compressed air, and electric power. A well-equipped workshop has recently been installed.

The following electrical power resources are available: 3-phase alternating current at 110 volts, or 220 volts; a 12 volt set with capacity of 500 amperes; a 12 volt set with capacity of 14 amperes, and a 110 volt circuit.

A three-panel slate switchboard distributes direct and alternating current power by means of a plug and socket system to sub-panels located in all lecture rooms and laboratories. Seven wires run from the switchboard to each of the sub-panels, giving a very flexible system of power distribution.

The advanced laboratories are equipped with special apparatus making it possible to pursue advanced work in physics, especially along the line of optics, conduction of electricity through gases, X-rays, and the electron theory.

The department has added recently many special pieces of apparatus among which may be found a Gaertner Quartz Spectrograph for the ultra-violet, a Gaertner Spectrograph of the constant deviation type for the visible spectrum, a Hilger Infra-red Spectrometer, Coblentz Thermopiles, a Queen and Gray large type potentiometer, galvanometers varying in sensitivity from 2,000 to 10,000 megohms, standard resistances varying from 1 ohm to 1

megohm, a Kelvin Selfcontained Double Bridge, a standard variable capacitance, standard inductances, wave-meter, etc.

The department has funds available for buying special equipment for advanced students. In addition there are specific University funds available for research.

The department library located on the third floor of the Phillips Hall has on file the complete sets and the current numbers of nearly all of the standard American, English, French, and German journals of physics.

The Psychological Laboratories

The New West Building has been completely remodeled; and, with the exception of a portion of the third floor reserved for the Dialectic Literary Society, which has been housed in the building for many years, it has been rebuilt throughout to answer the needs of the Department of Psychology.

On the first floor are located a lecture room, a class room, a large class laboratory, two seminar rooms, and private offices.

On the second floor are arranged a library, a class room fitted with tables, a large class laboratory, three rooms for clinical examinations, an apparatus and supply room, a shop, and a private office.

Space on the third floor is planned especially for research, the two ends of the building making room for several small private rooms and an animal room, and a mezzanine room being specially built for a dark room.

The building is piped throughout for water and for gas; and electric supplies of both alternating and direct current in low and high wattages are made available at numerous outlets in the different laboratories.

The technical equipment is practically complete. It includes sufficient duplication of apparatus for the experimental work in the various undergraduate courses, a fairly complete stock of standard apparatus for training in experimental methods, and sufficient apparatus and funds for the prosecution of research along most of the recognized psychological lines.

The departmental library includes all the technical journals published in English and a few in other languages. The supply of books is fairly complete.

The Engineering Laboratories

A marked characteristic of this School is its well equipped laboratories which are housed in Phillips Hall and include the facilities of Venable Hall.

Laboratory instruction is recognized as an important element of an engineering education, and with the excellent laboratory facilities the students study the fundamental laws of engineering.

The following descriptions indicate the major equipment of the engineering laboratories.

Materials Testing Laboratory

The materials testing laboratory is equipped with a 100,000-pound Riehle Universal testing machine and a 200,000-pound Olsen machine, both of which are used in tensile, compressive, and transverse tests of all structural materials. Special features of these machines make possible the testing of long columns and beams and the cold bend test of metals.

Numerous smaller pieces of apparatus are provided for studying the elastic properties of materials; annealing and tempering of metals; fire resistance of stone and clay products; hardness of materials; shearing strength of timber; etc.

A complete set of apparatus for making all the standard tests of cement and miscellaneous equipment for routine tests or research work on sand, coarse aggregate, mortar, and concrete, is in use.

Civil Engineering Laboratories

The highway engineering laboratory is equipped with apparatus for the standard tests of bituminous and non-bituminous road-surfacing materials, consisting in part as follows: Engler viscosimeter, penetrometer, ring and ball melting-point apparatus, open cup oil tester, New York Board of Health oil tester, Hubbard-Carmick specific gravity flask, hydrometers, float testing apparatus, constant temperature and drying oven, ductility machine, Dulin rotarex, Deval 4-cylinder abrasion machine, diamond core drill, diamond saw, grinding lap, Page impact, ball mill, briquette former, cementation machine, etc.

The hydraulic laboratory occupies a separate building adjacent to Phillips Hall. It is equipped with apparatus to show the phenomena of flow of water in pipes, including hydraulic gradient, friction loss, venturi effects, pitometer traverses, etc. Large orifice and weir tanks provide opportunity for experiments on the discharge of water through these measuring devices. Facilities are also available for experiments on friction loss and discharge through hydrants, pipe lines and nozzles, the testing of meters, the determination of total pressures on submerged areas, etc. Measuring tanks are provided of sufficient capacity to make practical demonstrations of hydraulic phenomena occurring in practice and to permit of research on hydraulic problems.

A model gauging station of the standard type of the U. S. Geological Survey has been installed on Morgan's Creek, the source of the University water supply. This is equipped with an Au water-stage register. Students are given practical experience in stream gaging, and a part of the laboratory instruction includes also the

making of meteorological observations at the U. S. Weather Bureau rainfall and exaporation station located on the campus.

The new laboratories of sanitary engineering are located in the building of the University water purification plant, in a wing of Phillips Hall. They comprise: a biological room equipped for microscopic and bacteriological work, which also contains plan files and an extensive reference library of sanitary engineering literature, making it suitable for seminar, laboratory, and reference purposes; a chemical laboratory with equipment for conducting any of the determinations ordinarily required in sanitary chemistry; a preparation room for the cleansing and sterilization of glass ware and the preparation of reagents and culture media; a dark room for ultramicroscopic, photomicrographic and turbidimetric work; a chemical storage and balance room; a private laboratory; and a research laboratory for the use of graduate students doing special work.

These laboratories are well equipped with apparatus for carrying on the usual physical, chemical and biological analyses of gases, milk, water, sewage, and industrial wastes, for the testing of sands and other materials used in sanitary engineering works, for studies of corrosion, for limnological and stream-pollution investigations, and for experimental and research work in the field of sanitary engineering. The water filtration plant is used for demonstration and experimental purposes in the study of problems of water purification; three types of sewage treatment plants located in town afford an opportunity for the study of waste treatment and stream pollution; and nearby towns with excellent sanitary plants coöperate with the School in providing facilities for the investigation of the various problems of municipal and public health engineering.

The surveying laboratory equipment comprises a number of transits, levels, plane tables and auxiliary instruments, such as level rods, chains, range poles, stadia rods, Locke levels, telescopic alidades, sextant, barometer, etc. Enough instruments are furnished so that each student will receive a maximum of practice. All the modern types of instruments are represented so that the student may become familiar with the different manufacturers' products.

The Electrical Engineering Laboratories

The electrical engineering laboratories consist of a large dynamo laboratory, having over three thousand square feet of floor space on the ground floor of Phillips Hall, and seven smaller laboratories on the second floor of the new wing. They are all supplied with power through a large seven-panel slate switchboard controlling a 25-k.w., 125-volt direct current motor-generator set, a 5-k.w., 180-volt, Westinghouse booster set, and a 5-k.w., 6 or 12-volt, General Electric electrolytic type motor-generator set. Sub-panels in all the

laboratories are connected with this switchboard by means of ten wires, and a plug and socket system of distribution makes it possible to supply any of the laboratories with several kinds of power at the same time.

The dynamo laboratory is well supplied with direct and alternating current machines of modern design for testing purposes, including a 15-kv.a. General Electric motor-generator set with revolving field alternator, wound for single, two, three or six-phase, two 5 kv.a. 3-phase, Westinghouse motor-generator sets, two synchronous converters of 10-k.w. capacity, two 5-k.w. Westinghouse D. C. motor-generator sets, one 3-h.p. General Electric Type R.F. variable speed motor with compensating winding in the pole faces, a 5-h.p. General Electric 3-phase induction motor with wound rotor and drum type controller, a 3-h.p. Westinghouse and a 2-h.p. General Electric squirrel-cage induction motor, a 3-h.p. General Electric Type RI repulsion motor, and fifteen other D.C. and A.C. machines ranging from two to ten horsepower.

The laboratory has an unusually complete equipment of control rheostats, lamp banks, and inductance coils, three 100-microfarad condensers, and over one hundred portable ammeters, voltmeters, and wattmeters.

The standardization laboratory is equipped with the following precision laboratory standards: one 150-volt West D. C. voltmeter, one 150-volt Weston A. C. voltmeter, one 100-millivolt Westinghouse D. M. millivoltmeter with a complete set of shunts, one 5-10 ampere Westinghouse Kelvin-balance type ammeter, one 200-ampere, 300-volt Westinghouse Kelvin-balance type wattmeter, and a 150-ampere, 440-volt States test table with General Electric and Westinghouse rotating-standard watt-hour meters. These are all mounted permanently on two-inch slate table-tops set in heavy concrete piers, and each station is provided with switching equipment which makes it possible to calibrate a large number of instruments in a very short time.

The photometric laboratory is equipped with a standard Reichsanstalt photometer bench with three-meter track, equipped with standard track screens for daylight work, Bunsen screen, Lummer-Brodhun disappearance and contrast screens, standard Hefner lamp, a number of certified carbon and tungsten incandescent standards, a compound rotator, a luxometer and a G. E. Foot-Candle meter for illumination surveys and a number of shades and reflectors of various types. The laboratory is also supplied with constant potential and constant current arc lamps, direct and alternating current types, a 4-ampere magnetic arc, 12-ampere flaming-arc, and a 3.5 ampere mercury-arc.

The radio laboratory is equipped with a 200-watt R. C. A., Type ET-3602, radio-phone and c.w. telegraph transmitter and a 50-watt

c.w. short wave set, as well as a number of small oscillators for testing purposes.

The facilities for radio measurements include General Radio decade and capacity bridges, General Radio precision wave-meter and precision condenser, and the usual complement of coils, condensers, variometers, hot-wire, and thermocouple ammeters.

In addition to the above there are a research laboratory with General Electric Oscillograph and dark-room, a storage battery laboratory, containing two 120-volt batteries as well as a number of portable cells, and a special laboratory for elementary instruction containing a large amount of standard equipment illustrating the applications of electricity and a number of special devices, designed and built in the department shop, for teaching the fundamentals of electrical engineering.

Mechanical Engineering Laboratories and the Power Plant

The mechanical engineering laboratories are located on the ground floor of the new wing of Phillips Hall, the main laboratory occupying the greater part of this floor.

The principal laboratory is equipped for making experimental studies of power plant apparatus. It contains a 10 inch by 15 inch Fitchbury uniflow steam engine especially equipped with indicator reducing motion, brake wheel with prony brake, special facilities for cutting in and out of jackets, and hand regulated auxiliary exhaust valves for operation from a 26 inch vacuum up to 10 lb. back pressure. It contains, also, a 25 kilowatt, 250 volt direct current General Electric turbo-generator set with switchboard and a 25 horsepower Chandler and Taylor slide valve engine especially equipped with indicator reducing motion, prony brake, surface condenser, and indicator piping for experimental work. Serving both the uniflow engine and the turbine, there is a Wheeler surface condenser capable of condensing 3,000 pounds of steam per hour.

Other equipment includes a 40-horsepower, compound marine engine, designed and built by the Bureau of Steam Engineering of the U. S. Navy, a Liberty "12" airplane engine, two small gas-electric lighting units, and two variable pressure steam testing drums. Smaller equipment includes calorimeters, flow meters, thermometers, indicators, scales, dynamometers, a collection of aircraft instruments, and other accessory apparatus for making complete tests on power plant machinery.

Under a portion of the main laboratory there is a sub-basement for condensers and water measuring apparatus.

Adjoining the main laboratory there is a small laboratory for light testing work, such as calibration of instruments, flue gas analysis, fuel analysis, and fuel and oil testing. It is provided with a Parr Oxygen Bomb coal calorimeter, a Junker gas calori-

meter, a Saybolt universal viscosimeter, a Hayes gas analyzer, and other instruments for analyzing and testing fuels and oils.

As a valuable aid in visual instruction and practical experience, the University Power Plant is also available for laboratory purposes. The principal equipment of the plant consists of the power boilers and generating equipment. The boiler room contains one 450 horsepower and two 168 horsepower Babcock and Wilcox boilers, one 350 horsepower Union Iron Works boiler, a 500 horsepower Cockrane feed water heater, and large exhaust and live steam heaters for the hot water heating system of the University. The engine room contains a 750 kv.a., 2300-volt General Electric alternator driven by a Skinner uniflow engine, and a large switchboard for controlling the electrical equipment. The pump room contains three large turbine driven centrifugal pumps for circulating hot water through the heating system, and motor driven service and fire pumps.

THE UNIVERSITY LIBRARY

LOUIS ROUND WILSON, Ph.D., *Librarian*.

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CORNELIA SPENCER LOVE, A.B., B.L.S., *Order Librarian*.

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GUELDA HILLYARD ELLIOTT, *Librarian of the Commerce Library*.

LUCILE MARSHALL ELLIOTT, A.B., *Librarian of the Law Library*.

EDITH EUGENIA AVERITT, A.B., *Librarian of the Geology Library*.

HENRIETTA RHEA SMEDES, *Custodian of the Rural Economic Library*.

LOUISE MONTAGUE WATSON, A.B., *Custodian of the Engineering Library*.

The University Library contained on December first 200,253 volumes.

The Library funds are expended under the direction of the Librarian, the Library Budget Committee, the Library Book Committee, and Professors in charge of Departments, with special reference to the instruction given in the University. The annual addition of books from purchase, donations, and exchanges is over 18,000 volumes.

The main Library is housed in a library building erected in 1907. The reference, current, periodical, and seminar rooms in the main Library have table and seating capacity for two hundred students.

In addition to the resources of the general reference room, the Library has a collection of 34,000 bound periodicals.

2,532 current periodicals, newspapers, transactions of literary, scientific, historical, and other societies, continuing and supplementing the bound sets, are subscribed for or secured through exchange annually.

The Library is a depository for the publications of the United States Government.

Four seminar rooms in the general Library facilitate advanced work in English and German Literatures, Greek and Latin Literatures, the Romance Literatures, and North Carolina History.

The North Carolina room contains all the books in the Library which relate to North Carolina, including the Weeks collection of Caroliniana. The whole makes one of the finest collections on the history of this State in the country and offers rare advantages to the research student. It is in charge of a special librarian.

Brief instruction in the use of the card catalogue, the periodical indexes, and the reference books generally, is given new students at the beginning of each year. Courses in Library Science are given for students who are preparing for positions in school and public libraries.

DEPARTMENTAL LIBRARIES

Six departmental libraries are in charge of regular attendants: Commerce, Education, Engineering, Law, Geology, and Rural Economics. Five libraries: Botany, Chemistry, Medicine, Pharmacy, and Zoölogy are under the supervision of the instructors in those departments and the Librarian.

RULES

Subscribers to the Library are the students and members of the faculty.

Faculty members are not restricted as to the number of books borrowed or the time they may be retained except in the case of Fiction, "Special Collections," or books needed for Reserve. All books charged to Faculty members must be returned each June.

The term Faculty applies to men of or above the rank of Instructor.

Other persons who desire to use the Library may become subscribers on payment of a regular library fee of \$4 a year, \$1 for three months, or 50 cents a month.

Persons who are not subscribers may not borrow books on a subscriber's name.

Books bought for a Department do not consequently become the exclusive property of that Department. They are the property of the University, acquired through the Library, and are to be so placed as to insure their greatest use to the greatest number of students and faculty members.

A student who owes the Library for fines or lost books will not receive academic credit for his courses at the end of a quarter.

For detailed rules see Library Handbook and the Library bulletin board.

THE UNIVERSITY OF NORTH CAROLINA PRESS

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The University of North Carolina Press was incorporated on June 12, 1922. The objects for which it was established are: (1) to publish periodicals devoted to the advancement of learning and produced at the University by or under the direction of the Faculty; (2) to publish catalogues, bulletins, and other documents pertaining to the University and its various schools and departments; and (3) to promote generally, by publishing deserving works, the advancement of arts and sciences and the development of literature.

The Press was established upon the authority of the Board of Trustees of the University, is a non-stock corporation, is financed in part by the University, and is managed by a Board of Governors drawn from the Faculty and Board of Trustees.

In addition to the publication of books, the Press has established three series of studies under the title: The University of North Carolina (1) "Studies in Language and Literature," (2) "Studies in Social Science and History," and (3) "Studies in Science." The Press also publishes the following periodicals: *The Journal of the Elisha Mitchell Scientific Society*; *Studies in Philology*; *The James Sprunt Historical Studies*; *The High School*

Journal; Social Forces; The North Carolina Law Review; The University of North Carolina Extension Bulletin; The University News Letter; The University of North Carolina Record; North Carolina Commerce and Industry.

The Press office is located in Alumni Building. The agents of the Press for Great Britain and the British Dominions are respectively *The Oxford University Press*, London, for books and studies; *The Cambridge University Press*, London, for periodicals. A complete list of publications issued by the Press will be supplied to any address on request.

ADMISSION

ADMISSION TO THE UNIVERSITY

Evidence of successful vaccination against smallpox is a prerequisite for the admission of students to this institution. Applicants for the admission to any school are hereby informed that a certificate as to successful vaccination must be sent to the Registrar before they can be admitted.

Candidates for admission to the University are received by certificate from accepted schools or by examination.

ENTRANCE BY CERTIFICATE. Students who present certificates of work accomplished at preparatory schools and colleges may be admitted without examination, provided the certificates are approved. The right to examine, however, is reserved, when such a course is deemed necessary. Certificates must be made out on the printed forms furnished on application to the Registrar, and should be sent in as early as possible in the summer vacation; the uniform entrance certificates of the Association of Colleges and Secondary Schools of the Southern States will also be accepted. Notice is hereby given that satisfactory credentials must be in the Registrar's hands before an applicant may register. Candidates must present themselves in person before the Committees on the Registration of Freshmen during the period of registration.

ENTRANCE BY EXAMINATION. The University will accept the certificates of the College Entrance Examination Board. State-wide entrance examinations are held, when asked for in advance, at the offices of the County Superintendents early in June and at the University in the week preceding the opening of the fall quarter in September. These examinations are given to graduates of non-accredited high schools and to others who present evidence of having completed the equivalent of a four years' high school course. The Registrar in every instance must approve the applicant's record as meeting this requirement. Candidates for admission by examination in September must make application to the Registrar in writing two weeks before the date for registration. Time and place for examinations will be arranged by the Registrar.

Admission to Advanced Standing

A candidate for advanced standing may be admitted to the Sophomore, Junior, or Senior Class, in accordance with the amount and character of his previous training. The Registrar will accept, with proper restrictions, the official transcript of work satisfactorily completed at a college or university of good standing. All credits

allowed by him stand in suspense until the candidate shall have spent one quarter in residence. If his work during this quarter is unsatisfactory, the credits may be cancelled.

In case of students who enter as candidates for a bachelor's degree with advanced standing from other institutions the minimum requirements of residence and credits secured in residence are as follows: residence for three quarters within a period of twelve months and a full year's work comprising at least nine courses or the equivalent.

A candidate for advanced standing must send to the Registrar his application accompanied by an official transcript of his previous record at least two weeks before the date for registration. Blank forms may be secured by writing the Registrar. Notice is hereby given that applicants whose records at other institutions do not reach the standard required for the readmission of students at this institution will not be admitted. Notice is hereby given that satisfactory credentials must be in the Registrar's hands before an applicant may register.

Admission of Women

By action of the Trustees in February, 1897, women were made eligible for admission to the Graduate School of this institution. Almost immediately this action was extended so that women were eligible for admission to the two upper classes of the college. Some years later women whose training was found to be sufficient were admitted to the Professional Schools of Law, Medicine, Pharmacy, and later to courses in Engineering. By an extension of this action women are admitted to special courses in work that is not to be obtained in a college for women. Here are included the premedical and predental courses and courses leading to such specialized scientific degrees as those in Chemistry and Geology. In the College of Liberal Arts, the School of Education, and the School of Commerce the University does not admit women students with less than junior standing. To the School of Public Welfare and for special work in play-writing and play-production "mature special students" who cannot qualify for junior standing may occasionally be admitted for reasons which must be clear in any individual case.

Entrance Requirements

For admission to the Freshman Class of the University of North Carolina fifteen units secured by the completion of a four years' high school course are required. The applicant must either present an official certificate showing his preparatory work and the recommendation of his school, which must be on the list of accredited schools, or stand entrance examinations on an equivalent amount of preparatory work as provided for on the preceding page.

It must be clearly understood that admission to the University does not necessarily mean admission to candidacy for a degree.

In order for a student to be admitted to candidacy for a degree, he must meet the specific requirements laid down by the school or college in which the degree is conferred. In some cases this will make it necessary for the candidate to carry certain courses as pre-requisites over and above the courses prescribed for the degree or to make up certain deficiencies. These deficiencies must be made good before the student may register for his sophomore year.

The preparatory student should decide therefore, as early as possible, for which degree he wishes to become a candidate and carry such courses in his preparatory school as will admit him to candidacy for that degree.

Subjects for Entrance

The complete list of subjects accepted for entrance with the credit that may be secured in each subject is as follows:

English	3 or 4 units
History	1 to 4 units
Mathematics	2 to 4 units
Greek	1 to 3 units
Latin	1 to 4 units
French	1 to 3 units
German	1 to 3 units
Spanish	1 to 3 units
Botany	$\frac{1}{2}$ or 1 unit
Chemistry	$\frac{1}{2}$ or 1 unit
Physics	$\frac{1}{2}$ or 1 unit
Physiology	$\frac{1}{2}$ unit
Zoology	$\frac{1}{2}$ or 1 unit
General Science	$\frac{1}{2}$ or 1 unit
Physiography	$\frac{1}{2}$ or 1 unit
Drawing	$\frac{1}{2}$ or 1 unit
Civics	$\frac{1}{2}$ or 1 unit
Economics	$\frac{1}{2}$ or 1 unit
*Scouting	$\frac{1}{2}$ or 1 unit
Music	$\frac{1}{2}$ or 1 unit
Military Science	$\frac{1}{2}$ or 1 unit
Vocational subjects	
Commercial Geography	$\frac{1}{2}$ unit
General Agriculture	$\frac{1}{2}$ to 2 units
Bookkeeping	1 unit
Commercial Arithmetic	1 unit
Stenography and Typewriting	1 unit
Manual Training	$\frac{1}{2}$ to 2 units

NOTE that as many as four (4) units in English, four (4) units in history, and two (2) units in agriculture may be accepted. This amount of credit will be allowed only when the Registrar is satisfied that the work done in these subjects at any given school is of a superior order.

NOTE FURTHER: One (1) full unit in any of the sciences will be allowed only when satisfactory work is done in the laboratory as evidenced by the notebook; otherwise only one-half (.5) unit will be allowed. In vocational subjects not more than a total of three (3) units will be credited.

* Entrance credit for this subject will be allowed only in case the certifying school credits it towards graduation.

PRESCRIBED REQUIREMENTS

The requirements for admission to candidacy for the different degrees in the College and the several Schools within the University are as follows:

THE COLLEGE OF LIBERAL ARTS

(The Degree A.B.)

English	3 or 4 units
American History	1 unit
Mathematics, (Algebra, Plane Geometry).....	2½ or 3 units
Select Two {	
Greek	2 units
Latin	2 units
German	2 units
French	2 units
Spanish	2 units
Electives	
Total	15 units

NOTE, that two foreign languages to the amount of not fewer than four (4) units are required for admission to candidacy for the degree A.B. The languages so presented must be continued as the required foreign languages, or the elementary courses (1 and 2) of a substituted language must be taken without credit towards the degree. Elementary Greek (1-2) and Elementary German (1-2), however, when completed satisfactorily in this institution, will be counted also as electives for degree credit.

THE SCHOOL OF APPLIED SCIENCE

(The Degree S.B.)

Bachelor of Science in Chemistry

English	3 or 4 units
American History	1 unit
Mathematics (Algebra, Plane Geometry).....	2½ or 3 units
French	2 units
German	2 units
Science	1 unit
Electives	
Total	15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Chemistry call for:
French and German

Bachelor of Science in Geology

English	3 or 4 units
American History	1 unit
Mathematics (Algebra, Plane Geometry).....	2½ or 3 units
French, German, or Spanish	2 units
Science	1 unit
Electives	
Total	15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Geology call for:

One modern foreign language.

For admission to candidacy for the degree S.B. in Medicine see The School of Medicine, page 57 and for the degree of S.B. in Pharmacy see The School of Pharmacy, page 58.

THE SCHOOL OF ENGINEERING

(The Degree S.B.)

Bachelor of Science in Chemical, Civil, Electrical, and Mechanical Engineering

English	3 or 4 units
American History	1 unit
Mathematics (Algebra, Plane Geometry).....	2½ or 3 units
French, German, Spanish, Greek, or Latin....	2 units
Science	1 unit
Electives	
Total	15 units

NOTE, that the requirements for admission to candidacy for the degree S.B. in Chemical, Civil, Electrical, and Mechanical Engineering call for:
One foreign language.

THE SCHOOL OF EDUCATION

(The Degree A.B. in Education)

English	3 or 4 units										
American History	1 unit										
Mathematics (Algebra, Plane Geometry).....	2½ or 3 units										
4 units required {	<table> <tr> <td>Greek</td><td>2 units</td></tr> <tr> <td>Latin</td><td>2 or 4 units</td></tr> <tr> <td>German</td><td>2 units</td></tr> <tr> <td>French</td><td>2 units</td></tr> <tr> <td>Spanish</td><td>2 units</td></tr> </table>	Greek	2 units	Latin	2 or 4 units	German	2 units	French	2 units	Spanish	2 units
Greek	2 units										
Latin	2 or 4 units										
German	2 units										
French	2 units										
Spanish	2 units										
Electives											
Total	15 units										

NOTE, that 4 units of foreign language are required for admission to candidacy for the degree of A.B. in Education. This requirement may be satisfied by 4 units of Latin or by 2 units of Latin and 2 of one other foreign language, or by 2 units each in any two of the foreign languages here listed.

THE SCHOOL OF COMMERCE

(The Degree S.B. in Commerce)

English	3 or 4 units										
American History	1 unit										
Mathematics (Algebra, Plane Geometry).....	2½ or 3 units										
Select Two {	<table> <tr> <td>Latin</td><td>2 units</td></tr> <tr> <td>German</td><td>2 units</td></tr> <tr> <td>French</td><td>2 units</td></tr> <tr> <td>Spanish</td><td>2 units</td></tr> <tr> <td>Greek</td><td>2 units</td></tr> </table>	Latin	2 units	German	2 units	French	2 units	Spanish	2 units	Greek	2 units
Latin	2 units										
German	2 units										
French	2 units										
Spanish	2 units										
Greek	2 units										
Electives											
Total	15 units										

NOTE, that the requirements for admission to candidacy for the degree S.B. in Commerce call for:

Two foreign languages, one of which must be a *modern* foreign language, to the extent of two units in each language.

THE SCHOOL OF PUBLIC WELFARE

The one year and two year courses of professional training are open to graduates of colleges of good standing.

Students not eligible to the regular courses by reason of not holding a degree may be admitted to special courses of one quarter or more provided they have had sufficient general education and practical experience to insure satisfactory work and conform to University requirements.

THE GRADUATE SCHOOL

Holders of Bachelor's or Master's degrees from standard colleges are admitted to the Graduate School upon presentation of their credentials. Each student must bring to the office of the Graduate School, at the time of registration, a program of studies approved by the department in which he proposes to specialize, or, in case of special students, the permission of the department to register for certain specified courses. For further details the prospective student is referred to the Catalogue of the Graduate School.

THE SCHOOL OF LAW

Candidates for the Degree LL.B.

Students who are to be candidates for the degree of LL.B. must have completed eighteen courses, or their equivalent, of college work, or work that would entitle them to enter the third or Junior class in this University. For detailed statement of the subjects required see under the School of Law, Part Five. Students may not enter at the opening of the second term except by special permission of the Dean.

Candidates for the Degrees of A.B. and LL.B.

A special course has been prescribed in the College of Liberal Arts upon the completion of which a student may enter the Law School and upon the completion of the first year of Law receive the degree of A.B., and at the end of the third year of Law receive the degree of LL.B. This special course consists of subjects carefully selected with a view to providing the student who wishes to shorten his period of residence the best preparation for the legal profession under the circumstances. This will enable the student to secure the two degrees of A.B. and LL.B. in six years instead of seven years in the regular course.

Candidates for the Degrees of S.B. in Commerce and LL.B.

The School of Commerce has prescribed a special course which the student may take for three years and upon its completion enter the Law School, and after completing the first year of Law receive the degree of S.B. in Commerce, and upon the completion of the third year of Law receive the degree of LL.B.

Candidates for the Degree J.D.

For admission to candidacy for the degree of J.D. the applicant must have completed the work requisite for the degree of A.B. or its equivalent before entering upon the work of the School of Law.

Admission to Advanced Standing

A student from another School of Law, in which the requirements for admission are at least as high as in this school, may be admitted to advanced standing for the degree of LL.B. As a rule no more than one year's work will be so credited without residence, but with the consent of the Law Faculty, two

years' work may be credited in exceptional cases. A student seeking admission to advanced standing must present satisfactory evidence that the work taken in another school is substantially equivalent to that given in the corresponding year here, both in the character of the work covered and the amount of time devoted to each subject.

Students Not Candidates for the Degree

Students taking regular work in the school, but not candidates for the degree, unless they are "special students," must have completed at least two full years of college grade work, or work that would entitle them to enter the third or Junior class in the University. For detailed statement of the subjects required see under the School of Law, Part Five.

Special Students

A limited number of persons who are twenty-three years of age or over may be admitted as special students upon satisfying the Law Faculty that they have such training and ability as will enable them to profit by the instruction given in the school. The number of special students admitted each year may not exceed ten per cent of the average number of students first entering the school during the two preceding years.

THE SCHOOL OF MEDICINE

I. Requirements for Admission to the course leading to the degree of S.B. in Medicine:

English	3 or 4 units
American History	1 unit
Mathematics (Algebra, Plane Geometry).....	2½ or 3 units
*German	2 units
*French	2 units
Electives	
Total	15 units

II. Requirements for Admission to the Pre-medical or Pre-dental Course:

English	3 or 4 units
American History	1 unit
Mathematics (Algebra, Plane Geometry).....	2½ or 3 units
Select One { French	2 units
German	
Electives	
Total	15 units

NOTE, that the requirements for admission to the Pre-medical or Pre-dental Course call for:

Either French or German.

III. Requirements for Admission to the Medical Course. The minimum requirements for admission to the medical course are 2 years (= 60 semester hours) of college work, which must include a minimum of twelve semester hours in Chemistry (including 4 semester hours of Organic Chemistry), eight semester hours in Biology, eight semester hours in Physics, six semester hours in English, and six semester hours in a modern language (French or German)

* The curriculum for this degree requires four courses of college grade work in French or German above the elementary courses 1 and 2 or two such courses in French and two such courses in German. If one language is taken, that language must be continued through French 6 or German 22; if both languages are taken, the requirements are French through course 4 and German through course 4. Hence the entrance requirement is either French or German (if one language is to be taken), or both French and German (if both languages are to be taken).

beyond the amount required in the language chosen for admission to the University. *No student will be admitted with less than the equivalent of sixty semester hours of accredited collegiate work, or with a condition on any of the required subjects in science.* All admissions are made with the approval of the Dean of the school of Medicine. The maximum number admitted to the first year class is 42; to the second year class it is 40. The Dean reserves the right to select from the entire list of applicants (usually many more than the number who can be admitted) those applicants who in his judgment are best qualified for the study of medicine. The fact that an applicant may have been registered in our course leading to Bachelor of Science in Medicine does not obligate the Dean to admit him to the school of Medicine.

IV. Admission to Advanced standing. Candidates for admission to the second year of the medical course must present certificates from an accredited medical school stating that they have had the required fifteen units, at least two years of college work as indicated in Section III, and have completed the subjects of the first year of the medical course as outlined.

THE SCHOOL OF PHARMACY

Candidates for the degree of S.B. in Pharmacy must present for entrance the same subjects as are prescribed above for admission to the Pre-medical course on page 57. For the curriculum leading to this degree see under the School of Applied Science.

Candidates for the degree for Ph.G. must have completed a high school course of study or must present evidence of 15 units. They may, however, enter a one year special course without this prerequisite.

EXPENSES

The University reserves the right to make, with the approval of the proper authorities, changes in any fees at any time.

Tuition and Other Fees for Each Quarter

College of Liberal Arts:	Residents of N. C.	Non-Residents of N. C.
Tuition	\$25.00	\$33.34
*Matriculation	12.00	12.00
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
	<hr/>	<hr/>
Total for each quarter.....	\$47.16	\$55.50

School of Engineering:

Tuition	\$33.34	\$41.67
Matriculation	12.00	12.00
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
	<hr/>	<hr/>
Total for each quarter.....	\$55.50	\$63.83

School of Applied Science:

Same as for the College of Liberal Arts.

School of Education:

Same as for the College of Liberal Arts.

School of Commerce:

Same as for the College of Liberal Arts, plus an additional fee of \$1.00 for reading and materials for each quarter.

School of Public Welfare:

Same as for the College of Liberal Arts.

Graduate School:

Same as for the College of Liberal Arts.

* This fee includes the gymnasium fee, the library fee, the fee for attendance of the University Physician, the fee for debates.

School of Medicine:	Residents of N. C.	Non-Residents of N. C.
*Tuition and matriculation	\$73.34	\$81.67
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
Total for each quarter.....	\$83.50	\$91.83
School of Pharmacy:		
Tuition	\$28.34	\$36.67
*Matriculation	12.00	12.00
Student Publications	1.66	1.66
Laundry Deposit	8.50	8.50
Total for each quarter.....	\$50.50	\$58.83
School of Law:		
Tuition for fall and spring terms, each....	\$50.00	\$62.50
*Matriculation fee each term.....	18.00	18.00
Student Publications fee each each term..	2.50	2.50
Laundry Deposit each term.....	12.75	12.75
Total for each term.....	\$83.25	\$95.75

LAUNDRY DEPOSIT: Students will be required to send their washing to the University Laundry for which a deposit will be collected at the time of registration.

LABORATORY FEES: Each student taking a laboratory course must pay, in addition to his tuition fee, a small fee for power or materials used in the laboratory. The fees for the various laboratory courses are as follows:

BOTANY

1	\$ 4.00	10-11	\$ 4.00 a quarter
2	4.00	107-108-109	4.00 a quarter
3	4.00	110-111-112	4.00 a quarter
4-5-6	4.00 a quarter		

CHEMISTRY

1-2	\$ 5.50 a quarter	65	\$10.00
11, 12	7.00 a quarter	67, 68	10.00 a quarter
21, 22, 23	10.00 a quarter	81, 82	7.00 a quarter
31	10.00	85	7.00
41, 42	10.00 a quarter	111abc	\$10.00 a quarter
45, 46	10.00 a quarter	121abc	10.00 a quarter
47	5.00	141abc	10.00 a quarter
61, 62	10.00 a quarter	161abc	10.00 a quarter
63	10.00	181abc	10.00 a quarter
64	10.00		

* This fee includes the gymnasium fee, the library fee, the fee for attendance of the University Physician, the fee for debates.

CHEMICAL ENGINEERING

1b	\$ 7.00	7c	\$10.00
6c	10.00		

COMMERCE

1-2-3	\$3.00 a quarter	9	\$ 2.50
4-5-6	3.00 a quarter	20, 22	1.00 a quarter
7	2.00		

ECONOMICS

A	\$ 3.50	7	\$ 2.00
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ENGINEERING

6bc	\$ 4.00 a quarter	73abc	\$ 5.00 a quarter
16c	2.00	74abc	7.00 a quarter
22ac	3.00 a quarter	75abc	3.00 a quarter
23s	10.00	90abc	5.00 a quarter
32ab	2.00 a quarter	93abcs	5.00 a quarter
35a	3.00	94abc	5.00 a quarter
35bc	4.00 a quarter	131abc	5.00 a quarter
45abc	3.00 a quarter	132a	2.00
50abc	5.00 a quarter	133abc	5.00 a quarter
60abcs	5.00 a quarter	134bc	2.00 a quarter
62bes	4.00 a quarter	164a	10.00

ENGLISH

34-35-36	\$ 2.00 a quarter
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GEOLOGY

1-2	\$ 3.00 a quarter	21-22	\$ 2.50 a quarter
3-4	5.00 a quarter	23	2.50
5	3.50	24-25	2.50 a quarter
8	2.50	26	2.00
11-12	3.50 a quarter	27	3.00
13	3.50	29	3.50
14	3.50	61	3.50
15-16	3.50 a quarter	71-72-73	3.50 a quarter
17	3.50	74-75-76	3.50 a quarter
18-19-20	3.50 a quarter		

JOURNALISM

1-2	\$ 2.00	3	\$ 1.00
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MATERIA MEDICA AND PHARMACOLOGY

15	\$ 5.00	32	\$ 5.00
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PHARMACY AND PHARM. CHEMISTRY

15-16	\$ 7.50 a quarter	36-37	\$10.00 a quarter
25	3.00 a quarter	38	7.50
26	3.00	40	10.00
27	5.00	41	5.00
28	10.00	43-44	10.00 a quarter
29	5.00	49	5.00

PHYSICS

1	\$ 2.50	8	\$2.50
2	4.00	9	2.50
1-2-3E	2.50 a quarter	12	2.50
5	2.50	13	15.00

C.F.E.

PSYCHOLOGY

1-2	\$ 2.00 a quarter	35-36-47-51-52-53	\$ 2.00 a quarter
22-25-38-45-46	1.00 a quarter	101-102-103-105	2.00 a quarter
26	1.50		

ZOÖLOGY

1b, 2b, 3, 4, 5	\$ 5.00 a quarter	112-113-114	\$ 5.00 a quarter
6-7-8	3.00 a quarter	115	5.00
9	5.00	116	3.00 or 5.00
109-110-111	5.00 a quarter		

TRANSCRIPTS OF RECORD. One transcript will be furnished without charge. Additional transcripts will be furnished only upon payment of \$1.00 for each copy.

DIPLOMA. The fee for a diploma is \$5.00, payable one week before the date of the award of diplomas at commencement or at the end of the Summer School.

Board

Excellent board is furnished at Swain Hall for \$22.00 a month. A few students can earn their board by waiting on the tables.

Board without room can be obtained in the town from \$22.50 to \$35.00 a month.

Dormitory Accommodations

Accommodations for approximately fourteen hundred students are available in the University dormitories. For a list of the dormitories see page 35.

All rooms in the dormitories are completely furnished. Students will, however, provide their own pillows, bed linen (for single beds), and towels.

Room rent ranges from \$5.00 to \$11.00 a month for each occupant, the price depending upon the location of the room. This charge includes light, heat and service.

PECUNIARY AID

FELLOWSHIPS AND SCHOLARSHIPS

THE LEDOUX FELLOWSHIP IN CHEMISTRY. (Established in 1911 by Dr. Albert R. Ledoux). The holder is expected to devote himself to research in chemistry. This fellowship is endowed, and yields \$300 annually.

THE GRAHAM KENAN FELLOWSHIP IN PHILOSOPHY. A fellowship supported by the income from an endowment of twenty-five thousand dollars, established in 1921, by Mrs. Graham Kenan, in memory of her husband, an alumnus and trustee of the University. This fellowship is awarded annually by Professor Henry Horace Williams.

THE J. BRYAN GRIMES FELLOWSHIP IN NORTH CAROLINA HISTORY. This fellowship, yielding \$500 annually, is awarded by the Department of History.

THE MOORE SCHOLARSHIPS. (Established in 1881). Bartholomew Figures Moore, of Raleigh, bequeathed \$5,000, the interest of which shall be devoted to paying the tuitions of students.

THE MARY RUFFIN SMITH SCHOLARSHIPS. (Established in 1885). Miss Mary Ruffin Smith bequeathed to the University in memory of her brother, Dr. Francis Jones Smith, a valuable tract of land in Chatham County of 1,460 acres, known as Jones' Grove. The will provides that rents of the land, or the interest on the purchase money if sold, shall be used to pay the tuition of such poor students as the faculty shall appoint.

THE MARY ANN SMITH SCHOLARSHIPS. (Established in 1891). Miss Mary Ann Smith bequeathed \$37,000 for the foundation of scholarships, the number of scholarships to be determined by the amount of the income.

THE CAMERON SCHOLARSHIPS. (Established in 1892). The heirs of Paul Carrington Cameron founded in his memory ten scholarships of the value of \$75 each.

THE SPEIGHT SCHOLARSHIPS. (Established in 1892). The late Mrs. Mary Shephard Speight bequeathed \$10,000 to the University. The income shall be used to pay the tuition of needy students; but if tuition is ever made free, the income shall be used toward paying the salaries of the professors.

THE WOOD SCHOLARSHIP. (Established in 1892). Mrs. Mary Sprunt Wood, of Wilmington, has founded, in memory of her late husband, Dr. Thomas Fanning Wood, a scholarship of the value of \$75.

THE DIALECTIC AND PHILANTHROPIC LITERARY SOCIETIES' SCHOLARSHIPS. (Established in 1893). The Dialectic and Philanthropic Literary Societies of the University founded two scholarships of the value of \$75 each, recipients of which shall give assistance in the Library.

THE WEIL SCHOLARSHIP. (Established in 1898). A fund established by Mr. Henry Weil, of Goldsboro, furnishes one scholarship of the value of \$75.

THE ARMFIELD SCHOLARSHIPS. (Established in 1901 and 1904). These scholarships were founded by the generosity of the late Mr. Eugene M. Armfield, of High Point, N. C., a member of the class of 1888.

THE KENNETH MURCHISON SCHOLARSHIPS. (Established in 1904). These scholarships have been founded by Mrs. Shirley Carter, of Baltimore, Md., and the late Mrs. James Sprunt, of Wilmington, N. C., in memory of their father. They are awarded by the founders.

THE DONALD FAIRFAX RAY SCHOLARSHIPS. (Established in 1919). Mrs. N. W. Ray, of Fayetteville, N. C., has established this scholarship in memory of her son, Donald Fairfax Ray, a graduate of the University, who died while in the service of his country.

THE MILDRED WILLIAMS BUCHAN SCHOLARSHIP. (Established in 1920). A fund of one thousand dollars was given by Mr. Edward Robertson Buchan in memory of his wife. The income of this fund is to support a scholarship in the Department of Philosophy.

THE HOLT SCHOLARSHIPS. Four scholarships, valued at one hundred and twenty-five dollars each, are maintained by the income from the Holt Loan Fund, established in 1920 by Mr. Lawrence S. Holt, Jr. They are awarded by the Committee on the Holt Fund, to a member of each of the four classes in the Academic Department. Applications are considered after the opening of the University in the fall.

THE ALUMNI SCHOLARSHIPS. These scholarships have been established by the gifts of Alumni. A scholarship will be awarded for each \$1,000 given.

THE R. H. LEWIS SCHOLARSHIPS. Four scholarships, endowed by the University Gymnasium Association, and called The R. H. Lewis Scholarships, are assigned by the President, and are good for tuition in the Academic Department.

THE MRS. AUGUSTUS H. JONES SCHOLARSHIP was created by a gift of two thousand dollars from Mrs. James H. Parker, of New York City, the income to be used for one scholarship. The recipient of this scholarship is to be designated by Mrs. James H. Parker during her life and thereafter upon recommendation of the New York

Chapter of the United Daughters of the Confederacy. Failing this recommendation from either source, appointment is to be made by the President of the University, preference being given first to relatives of the late Dr. James H. Parker, of New York, and second to the relatives of the donor.

THE GEORGE NEWBY TOMS SCHOLARSHIPS. Established 1926 by Mr. C. W. Toms, in memory of his son, George Newby Toms. The income from a fund of \$5,000 is granted by the University as scholarships to worthy students, preference being given to students from Durham and Perquimans counties in North Carolina.

THE GENERAL ROBERT RANSOM SCHOLARSHIP. This scholarship to the value of \$200 is awarded each year to a lineal descendant of a Confederate Veteran. It is awarded and controlled by the United Daughters of the Confederacy in North Carolina.

THE JEFFERSON DAVIS ESSAY SCHOLARSHIP. Awarded each year by the United Daughters of the Confederacy in North Carolina to the high school graduate who writes the best essay on Jefferson Davis. Value \$100.

WILLIAM BLOUNT RODMAN SCHOLARSHIPS. Two scholarships assigned to students at the University from the memorial trust fund created by Colonel W. B. Rodman in memory of his father William Blount Rodman. They are assigned by the State Superintendent of Public Instruction, Trustee of the fund.

THE DANIEL G. FOWLE SCHOLARSHIP. One scholarship founded in 1928 by Mrs. Walter F. Stearns (Mary H. Fowle) in memory of her father, Governor Daniel G. Fowle. Mrs. Stearns reserves the right to award the scholarship to a member of her own family; otherwise it will be awarded by the Superintendent of the Raleigh Schools and the Principal of the Raleigh High School to one Raleigh student on the basis of merit, character, and scholarship. Value annually \$100.

None of these scholarships is open to students in the Schools of Law, Medicine, and Pharmacy. For scholarships open to students in these Schools, please see Part Five of this Catalogue.

This list does not include certain annual contributions for scholarships, which are not on an endowment basis.

All applications for scholarships must be filed in the President's office on or before July first, and must be in the regular form prescribed by the University. Blank forms are supplied on application to the President.

FREE TUITION

Free tuition is given to candidates for the ministry, to the sons of ministers residing in the State, to residents of North Carolina under bodily infirmity, to teachers in the schools of North Carolina, and to students (residents of North Carolina) preparing to teach.

In order to secure this free tuition, students preparing to teach must be candidates for the degree of A.B. in Education, and agree to teach in North Carolina for at least two years after leaving the University. This enables the University to aid effectively the public school teachers of the State.

LOAN FUNDS

THE DEEMS FUND. (Established in 1879). A fund of \$600 was established by Rev. Charles Force Deems, D.D., late pastor of the Church of the Strangers, New York City, formerly a professor in the University, in memory of his son, Lieut. Theodore Disosway Deems. In 1881 the gift was greatly enlarged through the munificence of Mr. William H. Vanderbilt by a gift of \$10,000 "as an addition to the Deems fund, to be loaned to indigent students of the University."

THE MARTIN FUND. This fund has been established by the bequest of Mr. Thomas D. Martin, of Raleigh. Only the interest of the fund can be used for loans. It became available during the session of 1908-1909.

THE HOGUE FUND. A fund of \$4,000 has been established by the Rev. R. W. Hogue, of Baltimore, the income from which is to be loaned to worthy students in the University.

THE HEWITT FUND. A fund of \$18,700 was established by the bequest of Mr. Joseph Henry Hewitt, of Princess Anne County, Virginia. Only the income from this fund can be used for loans to "needy and deserving students" of the University. This fund became available during the session of 1919-1920.

THE HOLT FUND. A fund of \$10,000 has been established by Mr. Lawrence S. Holt, Jr., of Burlington. The principal of this fund is to be loaned to "worthy and needy students of the University." The income from this fund is to be used in establishing four scholarships in the University. It became available during the session of 1920-1921.

THE VICTOR S. BRYANT FUND. A fund of \$7,500 has been established by the bequest of Mr. Victor S. Bryant, of Durham. The principal and the interest of this fund can be used for loans to "worthy and needy young men" at the University. This fund became available during the session of 1920-1921.

THE MASONIC LOAN FUND. A fund of \$1,250 has been established by the Grand Lodge of Masons, the Grand Chapter of Royal Arch Masons, and the Grand Commandery of Knights Templar of North Carolina, for the purpose of "assisting worthy boys and girls to secure an education." The principal of this fund is loaned, and the interest is added thereto. The fund became available in the fall of 1922.

THE SEELY FUND. A fund of one thousand dollars has been established by Mr. F. L. Seely, of Asheville, the principal of which is to be loaned to worthy and needy students, and the income therefrom to be added to the principal. This fund became available during the fall of 1922.

THE E. S. BLACKWOOD MEMORIAL LOAN FUND, created by bequest of Miss Katherine B. Blackwood, of New York City. This fund consists of ten thousand dollars "to be used as a loan fund for needy students." This fund is administered in the same manner as the Deems Fund.

THE A. B. ANDREWS LOAN FUND. In May, 1925, the five children of the late Colonel A. B. Andrews (William J. Andrews, class of 1891; Alexander B. Andrews, class of 1893; Mrs. W. M. Marks; John H. Andrews, class of 1897; and Graham H. Andrews, class of 1903) established a fund of \$2,500 of which the principal and interest are to be loaned to worthy students. This fund has been increased to \$3,000 through the subsequent gifts from Mr. Alexander B. Andrews of Raleigh, N. C. The A. B. Andrews Loan Fund is administered as are other loan funds from the University and is established as a memorial to Colonel A. B. Andrews, a noted railroad builder in North Carolina and a Trustee of the University. It is requested by the donors that assistance from this fund be rendered first to students from those counties of North Carolina in which Colonel Andrews built railroads and second to those counties through which lines of the S. A. L., Norfolk-Southern and Southern railway systems run.

THE J. E. LEAR FUND. This fund of \$5,244 became available in 1924 as a fund upon which students in the School of Engineering, especially students in electrical engineering, would have first claim. The fund was the result of installation work done by the senior class in electrical engineering under the supervision of Professor J. E. Lear.

Applications for Loans

Applications for loans will be considered when made in person by students registered in the University. The funds are limited in amount and are loaned only on the security of two approved signatures and at the legal rate of interest. Application should be made to the Dean of Students.

Self Help

It is confidently believed that no institution offers wider opportunity for self-help to meritorious students of slender means. The desire is that no worthy boy, however poor, shall ever be turned away for lack of means. To such the University and town offer unusual opportunities for support. Many students are now working their way through college by every form of honorable labor.

A number are here as a result of money earned or borrowed. A few students are selected by the authorities as waiters at Swain Hall. Otherwise all opportunities available in the University and town must be secured by the personal efforts of the individual, with the assistance of the Self-Help Bureau of which Mr. Grady Leonard is secretary. They are not assigned by the President of the University.

MEDALS AND PRIZES

THE MANGUM MEDAL IN ORATORY. (Established in 1878). A gold medal founded by the Misses Mangum, late of Orange County, in memory of their father, Willie Person Mangum, class of 1815, is continued by his granddaughter, Mrs. Stephen B. Weeks, and his great-grandson, Mr. Julian Turner, and is awarded to that member of the Senior Class who shall deliver the best oration at Commencement.

THE EARLY ENGLISH TEXT SOCIETY PRIZE. (Established in 1886). A special prize is offered annually by the Early English Text Society of London for advanced work in Anglo-Saxon and Middle English.

THE EBEN ALEXANDER PRIZE IN GREEK. (Established in 1887). A prize of \$10 is offered annually to that member of the Sophomore Class who shall present the best rendering into English of selected passages of Greek not previously read.

THE KERR PRIZE IN GEOLOGY AND MINERALOGY. (Established in 1889). A prize of \$50 is offered annually by Mr. William H. Kerr in memory of his father, Professor Washington Carruthers Kerr, to any undergraduate or graduate student for the best thesis containing original work in the geology or mineralogy of North Carolina.

THE BINGHAM PRIZE IN DEBATE. (Established in 1899). This prize is offered by Mr. R. W. Bingham, in memory of his great-grandfather, grandfather, father, and brother. It is given annually, for excellence in debate. The contestants are representatives of the Literary Societies, and the contest is held during Commencement.

THE BRYAN PRIZE IN POLITICAL SCIENCE. (Established in 1903). A prize will be given annually for the best thesis in Political Science. This fund was established by the late William Jennings Bryan.

THE HUNTER LEE HARRIS MEMORIAL. (Established in 1903). Dr. Charles Wyche, of St. Louis, offers annually, in memory of Hunter Lee Harris, of the class of 1889, a gold medal for the best original story by any student in the University.

THE WILLIAM CAIN PRIZE IN MATHEMATICS. (Established in 1908). A gold medal is offered annually by Professor William Cain to that student who shall take the highest rank in Mathematics 4-5. No student will be recommended for the prize unless he attain to grade B.

THE PRESTON CUP, given by the Hon. E. R. Preston in memory of his brother, Ben Smith Preston, will be awarded annually to the

undergraduate student who during the months September to April has done the best work of a journalistic nature.

MARY D. WRIGHT MEMORIAL MEDAL, given by Mr. P. E. Wright of Landis. A \$25 gold medal will be awarded to the best speaker on the winning team of the two Literary Societies in their annual debate held in December.

THE ARCHIBALD HENDERSON PRIZE IN MATHEMATICS. A prize of \$25 in gold is given by Professor Archibald Henderson to the graduate student who produces the best piece of original research in Mathematics.

THE PATTERSON MEDAL. (Established in 1924). A gold medal is offered annually by Lieutenant Commander D. F. Patterson, U. S. N., Mr. Albert F. Patterson, and Dr. Joseph F. Patterson to commemorate the memory of their brother, John Durand Patterson. This medal is awarded for general excellence in athletics to a student selected by a special committee.

THE DELTA SIGMA PI SCHOLARSHIP KEY. The Alpha-Lambda Chapter of Delta Sigma Pi awards annually a gold scholarship key. This key is presented to that Senior, who, upon graduation, in the opinion of the faculty ranks highest in scholarship for the entire course in Commerce. Not upon scholarship only is the key awarded but also upon leadership and promise of future usefulness. This key may be awarded to any student in the School of Commerce regardless of whether or not he is a member of Delta Sigma Pi.

Certain other prizes are offered in the Professional Schools of Law, Medicine, and Pharmacy. For these, see under the several schools.

REGULATIONS

SPECIAL NOTICE TO STUDENTS

This catalogue, issued in the spring of each year, is intended to give such a description of the work of the University and such a digest of its rules as are needed by students. Neither the courses announced nor the rules given are valid beyond the succeeding year, for before the end of the succeeding year a new catalogue will have been issued, superseding all previous catalogues. Ordinarily a student may expect to be allowed to secure a degree in accordance with the requirements of the curriculum laid down in the catalogue in force when he first entered the University, or in any one subsequent catalogue published while he is a student; but the faculty reserves the right to make changes in curricula, as in rules, at any time when in its judgment such changes are for the best interests of the students and the University

FRESHMAN WEEK

In order to facilitate the process of adjustment which the freshman must pass through, the University has set up a "freshman week" program. The events of this week include mental and physical measurements, pre-registration counseling, special lectures on student traditions, library tours, and social gatherings, in addition to the registration for courses on Wednesday. This program begins with a meeting of the entire freshman class in Memorial Hall at 9:00 a.m. on Tuesday morning, September 17. All undergraduates entering the University for the first time in the Freshman class are required to be present at this and all other appointments comprising the program of freshman week.

REGISTRATION

All students are expected to present themselves for registration *Wednesday or Thursday, September 18 or 19, 1929*, between the hours of 9 a.m. and 5 p.m., at the places announced in the plan for registration. Freshmen are expected to complete their registration on *Wednesday, September 18*; all others on *Thursday, September 19*. All men registering here for the first time will report for physical examination to Dr. R. B. Lawson in the gymnasium; all women will consult Mrs. M. H. Stacy, Adviser to Women, in her office in the South Building, second floor. Bills for tuition and fees must be settled within five days or the student will be required to reregister and pay the fee for late registration as indicated be-

low. For the winter and spring quarters the same hours will be used for Freshmen and Sophomores on days fixed by the calendar for the registration of students. All other students must register during the examination periods in December and March according to a schedule published immediately before these examinations begin. Registration in case of such students is not considered as completed until they have attended all classes on the first day of the new quarter.

DELAYED REGISTRATION

The penalty for delayed registration for the winter and spring quarters is one month of strict probation for each day of delay. No excuses will be accepted.

Each student registering later than the day appointed for his registration for the winter or the spring quarter must pay five dollars (\$5.00) as an additional fee for delayed registration.

ARRANGEMENT OF COURSES

Attention is called to the reduction of credit for Freshman and Sophomore courses when taken late in the student's career. See PART THREE, INTRODUCTORY NOTES, page 97.

Each student, when he presents himself for registration, must submit a list of courses, required and elective, which he desires to pursue.

No student will be allowed to take fewer than three nor more than three and one-half courses without special permission of his Dean.

Students desiring to change their courses must make written application to their respective Deans for the desired changes. The application will be considered by the Dean and will be granted only after a careful consideration of the facts in each case. A fee of twenty-five cents will be charged for each item of change.

ASSIGNMENT OF ROOMS

The rooms in the University dormitories are assigned to students by the Cashier in the order of application, subject to the special regulations given below.

The University reserves the right to require any student whom for any reason it considers an undesirable tenant to vacate a room in the University buildings.

In order to retain his room for the next session, a student must file with the Cashier before June 1, an application and a deposit of \$5.00. By December 15 another deposit of \$5.00 must be made in order to retain the room for the winter and spring quarters. Double rooms must be applied for by both intending occupants. The rooms thus applied for will be retained until September 1 and

January 1 respectively, when balance of rent is due. The \$5.00 deposit will be forfeited in case the applicant or applicants do not themselves occupy the room and pay the full rent. Rooms not applied for or made vacant by failure to pay at the proper date will be assigned in the order of application.

The right to occupy a room is not transferable and terminates with the expiration of the lease. Any attempt on the part of an occupant of a room to sell or transfer his right to occupancy shall be deemed a fraudulent transaction. The penalty for violating this rule shall be the forfeiture of the room by the new lessee.

The occupant of a room will be held directly responsible for any damage done to the furniture in his room or to the room.

No dogs shall be kept in the University dormitories. Breach of this regulation leads to forfeiture of the room.

CONDUCT

By order of the Board of Trustees the Faculty is directed to dismiss from the University any student who is known to engage in drinking intoxicating liquors, gambling, hazing in any form (presence at hazing is regarded as participation), or to be guilty of disolute conduct.

Students persistently neglectful of duty, or addicted to boisterous conduct or rowdyism may be required to leave the University.

Students, unless *bona fide* residents of Chapel Hill, when suspended from the University for disciplinary reasons, must leave the campus and Chapel Hill within forty-eight (48) hours or forfeit the right to readmission at any time. The enforcement of this regulation is in the hands of the Faculty Executive Committee.

ATTENDANCE

Regular attendance upon lectures and recitations is required of all Freshman and Sophomore students; see below for students in the upper classes.

In any quarter, absences are counted from the first regular meeting of each class. In no case will a student be considered present at any class until he has been registered as a member of that class.

The department or the instructor concerned will notify the Dean of a student's College or School when that student has incurred absences amounting to three in a full course or two in a half-course. When a student's absences from a class during any quarter amount to ten in a full course or six in a half-course, he may, at the discretion of the Dean of his College or School, be dropped from the course. At the same time the Dean may secure from the Registrar's office a statement of the number of absences

warranted by the University Physician's report, or by a leave of absence. Excuses for absence on account of illness, to be valid, must be reported to the Registrar's office by the University Physician; and the regulations of the University forbid the physician to grant an excuse for illness which is reported to him after the lapse of twenty-four hours from the time of the illness. When at least half the absences of a student in any course are due to prolonged sickness or to leaves granted by the Registrar, or to representing the University as a member of an authorized student organization, the student ordinarily will not be dropped from such course.

A student who has been dropped for absences from a sufficient number of classes to reduce his schedule to one course will be suspended from the University for the remainder of the quarter on the ground of neglect of duty.

The grade of a student who quits a course without the permission of the Dean of his College or School is recorded officially as F.

The grade of a student who drops a course in which he is failing at that time shall be recorded as F, unless, in the judgment of his Dean, the reason for his failure be circumstances clearly beyond his control.

A student who is absent from any class without permission on the day immediately preceding or immediately following a holiday or recess shall go on strict probation for thirty days. Any student may appeal his case in writing within five days to the Executive Committee.

Juniors and seniors in junior and senior courses are free from the regulations governing absences from classes to the extent that such absences shall not carry any penalty imposed for absence alone. This regulation assumes that it is incumbent upon each instructor at the beginning of the quarter's work to explain to the class the nature of the work to be done in the course. It also assumes that all members of the teaching staff will coöperate with all University regulations governing absences for recognized student activities.

Attendance at chapel is required of Freshmen every week-day except Saturday and of Sophomores on Mondays and Fridays. Absence from chapel will subject the student to discipline by the Executive.

No student is allowed to absent himself from the University without written permission from the Registrar or his representative. This permission may, at the discretion of the executive officer, be granted only upon the formal request of the parent or guardian.

EXAMINATIONS

Regular written examinations are required at the end of each quarter in all courses except those the nature of which is such as to make written examinations unnecessary.

Before receiving his degree each senior in the College of Liberal Arts and each senior in the School of Commerce is required to pass to the satisfaction of his major department an examination in the field of his major study. Such a comprehensive examination may be offered to a student only once in any one quarter. This rule is effective with the class receiving degrees in June, 1930.

Special examinations may be taken by students who have received the condition grade (E) at the period of the special examinations in the week preceding the opening of the session in September.

Provided he has no conflict with a course regularly taken by him in the term such a student may take an examination at the *first* regular term examination in the same subject after he has made the grade E.

Under no circumstances may a student stand a special examination to remove a condition grade (E) between the first and the last class days in any quarter.

Special examinations for students who have been officially excused from regular examinations on account of sickness or have been absent on account of some necessary cause may be held at suitable times fixed by the Registrar and the instructors concerned. Such examinations must be taken within twelve (12) months of the date of absence.

To be entitled to take a special examination in term, or at the September period, or at a regular term examination period, the student is required to file with the Registrar at least one week prior to the examination period a written notice that he desires to take such examination.

Final examinations except in laboratory practice may not be held at any times other than those specified in the preceding regulations.

No examinations may be held later than 6:30 p.m.

All examinations must be held in Chapel Hill.

Examinations should be limited to a period of two hours. In courses in which a considerable portion of the examination is of a *practical* nature, the instructor may extend the time in his discretion.

No students other than the following should be permitted to take the examination in any course: 1st—regularly enrolled members of the class whose names have been reported from the Registrar's office to the instructor as having registered in due form for the course; and 2nd—those whose names have been reported from

the Registrar's office as having the right to take special examinations on that course.

Students absent from an examination without an official excuse or present and failing to submit examination papers are reported "absent." This mark is equivalent in every respect to grade F or failure, and is so reckoned in the office of the Registrar.

Each student is required to subscribe his name to the following pledge or its equivalent on every paper: "I hereby certify that during this examination I have neither given nor received aid." The instructor should not report a grade for any student whose examination paper lacks this pledge.

Papers handed in at a special examination by students who have been officially excused from the regular examination will be graded. All others will be marked "passed" or "failed."

Schedules of examinations at the ends of the terms and in September are to be so arranged that examinations set for the last day of the period shall be set for the first day of the next period.

The order of examinations for the removal of conditions in September, 1929, will be as follows:

Wednesday, September 11

10 a.m. Chemistry	2:30 p.m. Education
Commerce	English
Philosophy	German

Thursday, September 12

10 a.m. Music	2:30 p.m. Economics
Hist. and Govt.	Romance Lang.
Mathematics	Zoölogy

Friday, September 13

10. a.m. Comp. Lit.	2:30 p.m. Botany
Greek	Engineering
Physics	Latin
Sociology	

Saturday, September 14

10 a.m. Geology	2:30 p.m. Open
Psychology	
Rur. Econom.	

STANDING

After the close of each term reports of the standings of all students in all their studies are sent to parents or guardians. The reports are based upon the following system of marking:

- Grade A, Excellent.
- Grade B, Good.
- Grade C, Fair.
- Grade D, Barely passed.
- Grade E, Conditioned.
- Grade F, Failed.
- *Grade I, Work incomplete.

A student must attain a grade of D to pass in any study. Grade E indicates that the student is conditioned but may remove the deficiency by special examination, as explained above. Students receiving grade F must repeat the study to receive any credit for the same.

A student has the right to appeal as to grading of his examination paper by his instructor. The appeal must be made to the President within three months after the examination. The President will appoint a committee of three persons who shall consider the case and whose decision shall be final.

A student to be ranked as a Sophomore must have passed seven courses; to be ranked as a Junior, fifteen courses; to be ranked as a Senior, twenty-six courses.

No first-year student who fails to pass at least five courses, and no other student who fails to pass seven courses or equivalent, shall be readmitted to any division of the University except by a special vote of the Faculty or a delegated committee of the Faculty. In case the student in addition to his resident work attends summer school or takes work by correspondence, the above requirements become six courses in the case of first-year students and eight in the case of other students. This delegated committee of the faculty will meet at 9:00 a.m. the second day *before* the stated registration day of each quarter and at 9:00 a.m. the second day *after* the stated registration day of each quarter to consider written petitions of students who have definite and convincing reasons on which to base a request that the rule be waived. All petitions, except those of students in Law, Medicine, and Pharmacy, should be sent to the Dean of the College of Liberal Arts *in writing* and, to be considered, must be in his hands *before* the stated meetings in that quarter in which the student seeks readmission.

WITHDRAWALS

Formal withdrawal, which is prerequisite to honorable dismissal or reëntrance to this institution, must be approved by the student's Dean to be valid. Such a withdrawal will be approved only after full investigation of the circumstances and after the

* The grade I may be converted into one of the other grades by completing within a period of twelve months such additional assignments as may be required by the instructor in the course. A grade of I not so converted becomes F.

lapse of twenty-four hours from the time the first application is filed with the Dean.

If a student withdraws after the mid-term and has been reported as below passing (either W or X) in two or more courses, that quarter will be counted as a quarter in residence in all computations of his requirements for readmission. If a student withdraws before mid-term, it will be left to the discretion of the Dean as to whether or not that quarter is to be counted as a quarter in residence. The Dean's verdict will be indicated specifically on the form used for withdrawal.

GRADUATION

Each Senior will be officially informed by his Dean in September of all deficiencies standing against him.

The number of orations in the contest for the Mangum Medal is limited to four. The candidates must be Seniors in the College, the School of Applied Science, the School of Engineering, the School of Education, or the School of Commerce, and must announce their subjects to their respective Deans by February 1. The orations shall be delivered in private near May 1 before a committee of the Faculty, who shall decide upon the relative merits of the orations. The four successful candidates are known as the Commencement Orators of the Senior Class.

FRATERNITIES

GENERAL REGULATIONS. Students may join fraternities after registration at the opening of any quarter or term provided they are eligible under the special regulations of the Faculty. Pledging of a student to join a fraternity is not allowed until he has been in the University a specified length of time as follows: If he matriculates for the first time in the University in the Summer School or in the fall quarter, he may not be pledged until the pledge date in October; if in the winter quarter, until a similar date in February; if in the spring quarter, until a similar date in April. The pledge dates shall be the Monday in each quarter next following the completion of a period of five weeks after the beginning of classes. No student may be pledged during the Summer School, but, if a student remains in the Summer School for the full twelve weeks, it may be counted for him as a regular quarter towards meeting the requirements as to residence. A student entering the University with advanced standing, whether he enters an academic or a professional school, may not be pledged until four weeks after the date of his matriculation in this institution; but in no case may a student be pledged during the Summer School.

TRANSCRIPTS OF RECORD

Honorable dismissal has reference to conduct and character only. It will not be granted unless the student's standing as to conduct and character is such as to entitle him to continue in this University. Furthermore, in every statement of honorable dismissal full mention will be made of any probation, suspension, or other temporary restriction imposed for bad conduct which is still in force when the papers of dismissal are issued.

Statement of record has reference to the recorded results of a student's work in the classroom. It will in every instance contain all the important facts pertaining to the student's admission, classification, and scholarship. In particular, no partial or incomplete scholastic record (for example, with failures omitted) will be given without clear evidence that it is partial or incomplete. If the student's scholarship has been such as to prevent his continuance in this University or to render him subject to any probation, suspension, or other temporary restriction which is still in force at the date of the record, a plain statement of any and all such facts will be included, and such information will be given as will make clear the system of grades employed, the number of exercises a week devoted to each course, etc.

Transcripts of record, except the first which is furnished without cost, will be made upon payment of one dollar (\$1.00) for each copy desired.

ATHLETICS

Organization

The Athletic Council, consisting of three members of the faculty appointed by the President of the University, three Alumni elected by the General Alumni Association, three undergraduate students one of whom is the President of the student body, one the President of the athletic association, and one elected by the Undergraduate Monogram Club, the Director of Athletics, and the Graduate Manager, has direct control of all matters pertaining to athletics. The faculty members of the Council constitute the committee on eligibility and their decisions are final subject to review by the general faculty only. The faculty members in conference with the President of the University have full veto power over all acts of the Council.

The University of North Carolina is a member of the Southern Conference. Therefore all participants in intercollegiate athletics must qualify under the following rules of that body.

Rules of Eligibility of the Southern Conference

The following rules apply to all sports:

Rule 1.—*Bona Fide Students.* No one shall participate in any intercollegiate contest unless he is a bona fide matriculated student,

having presented at least 15 Carnegie units, regularly enrolled and doing full work as defined by the regulations of the institution in which he is enrolled. The entrance requirement above means that the student shall have been graduated from an accredited high school or preparatory school, or shall have presented 15 Carnegie units from such a school, or shall have presented the equivalent of 15 such units from some recognized examining board.

A student in special agricultural or other special courses who does not present the full entrance credits is not eligible under this rule.

Rule 2.—No person shall participate in intercollegiate athletics at an institution until after the expiration of twelve months from the date of his matriculation there, and until he shall have completed the scholastic requirements of that institution.

Rule 3.—*Attendance.* No student having been a member of any athletic team of his college during any year and having been in attendance less than one-half of the college year shall be permitted to participate in any intercollegiate contest thereafter until he shall have been in attendance one-half of his next college year.

Note.—Attendance during Summer Session is not counted as "attendance" for the purpose of this rule.

Rule 4.—*Migrant Students.*

(a) No person who has participated in any intercollegiate contest or freshman contest† in any branch of sport as a member of the team of any other college* shall be permitted to participate in any intercollegiate contest in the same branch of sport as a member of a team of any Institution in this Conference.

(b) Students who have pursued courses of study at one university or college* but who have not participated in any intercollegiate contest, shall be eligible to participate in intercollegiate athletics at another institution, but only when they have satisfied the conditions as set forth in Rule 2—the one-year residence rule.

Rule 5.—*Limit of Participation.* Participation in intercollegiate athletics shall be limited to four years (one year freshman and three years varsity), within a five-year period counting from the time of first matriculation. Every student shall be allowed three years of varsity participation in each sport, provided such participation falls within the five year period herein defined.

Rule 6.—*Compensation.*

(a) No person who receives any compensation from his institution for services rendered by way of regular instruction shall be allowed to participate in intercollegiate contests.

† For the purpose of this rule an intercollegiate contest is a contest played by the varsity or freshman team. This rule does not affect the limit of participation as defined in rule 5.

* *Definition of "College."* The word "college" as used in this code means any educational institution which offers a standard four-year course leading to a baccalaureate degree, and which requires at least fifteen Carnegie units for entrance.

(b) No person shall be allowed to participate in any intercollegiate contest who receives any gift, remuneration, or pay for his services on a college team.

(c) No person shall be permitted to participate in any intercollegiate contest who has ever used or is using his knowledge of athletics or his athletic or gymnasium skill for gain.

Note.—This rule does not apply to any person who has done work in connection with a playground or a summer camp where the requirements do not call for a man with technical preparation in physical training.

(d) The following persons shall be ineligible to compete on any team in this Conference:

(1) Those who hold any scholarship, fellowship, or cadetship involving financial benefit which is awarded wholly or in part for athletic ability.

(2) Those who enjoy any loan fund or similar financial benefit which is awarded wholly or in part for athletic ability.

(3) Those who hold any position involving financial benefit which is awarded wholly or in part for athletic ability.

(e) Any college athlete receiving money for signing a contract with a professional baseball team shall be ineligible for intercollegiate athletics.

Rule 7.—*Summer Baseball.* No athlete in any Conference Institution shall participate as a member of any summer baseball team without the consent of his Faculty Committee on Athletics; and such a player when given permission to play on such team shall submit at the reopening of the school term to his Faculty Committee a certified statement that he has not received pecuniary compensation therefor.

Rule 8.—No student shall be eligible to participate in intercollegiate contests if he has played on any summer baseball team which played more than three games a week while he was a member of it. A student who plays baseball on a team which plays three games a week shall not be allowed to play on any other team during the same week.

This rule applies to regularly matriculated college students and not to students who played summer baseball before entering college.

No student who has played on a baseball team recognized by the National Baseball Commission shall be eligible for intercollegiate athletics.

To the list of professional teams thus proscribed shall be added all league teams in any State which the Conference Institutions of such State declare professional and from which they debar their own players. In the event that said conference institutions cannot agree on proscribed teams, the executive committee shall have the power to decide the issue and their action shall be final.

Rule 9.—*Assumed Name.* No person shall take part in any intercollegiate contest under an assumed name.

Rule 10.—*Delinquency in Studies.* No student who is found delinquent in his studies by the faculty shall be permitted to participate in any intercollegiate contest.

Rule 11.—*Freshman Teams.*

Freshman teams shall be composed of members of the freshman class only, who shall not compete as such for more than one year, and who shall be eligible under the general rules, with the exception of the one-year rule. For the purpose of this rule a Freshman is a student who enters the Institution from a High School or a Preparatory School.

In addition to the rules of the Southern Conference the following local rules apply to all students participating in intercollegiate athletics:

1. No student will be allowed to take part in athletic contests entailing absence from the University whose parents (or guardians) object to such participation.

2. No student may be a candidate for the baseball team unless he has been in attendance during the preceding winter quarter without the express permission of the Faculty Committee on Athletics.

3. Inasmuch as a member of an athletic team of this University enjoys special honor in thus representing the University, this privilege shall be withheld from any student whose scholastic standing is discreditable. Any student reported as deficient in a majority of his classes may be prohibited by the Dean of his school from participating in any intercollegiate contest until the deficiency is made good.

4. No team will be allowed to be absent from the University for more than ten lecture days during any quarter.

5. The manager of each athletic team shall submit to the Faculty Committee on Athletics a schedule of all engagements before positive arrangements are made.

6. No student shall play upon any athletic team except after physical examination by the University Physician.

7. Before any student can become a member or a substitute member of any athletic team of the University and take part in any intercollegiate contest he must make application to the Faculty Committee on Athletics and secure the endorsed approval of that committee to his application. It shall be the duty of the Faculty Committee on Athletics to have the Registrar of the University indorse such application to the effect that the applicant is a registered student of the University and has completed the scholastic requirements.

8. It is the duty of the Faculty Committee on Athletics to inquire into the athletic record of the applicant and it shall be the duty of the applicant to appear before the committee and answer on his honor such questions as the committee may see fit to ask.

9. It is the duty of the Faculty Committee on Athletics to require a pledge in writing of the applicant, certifying on his honor that he has never accepted, directly or indirectly, remuneration, compensatory gift, valuable consideration, or promise thereof for his athletic services. The applicant must satisfy the committee that he is in the proper and strict sense of the word an amateur before the committee indorses his application.

10. It is the duty of the graduate manager, the members of the coaching staff, the president and the treasurer of the Athletic Association, the members of the Athletic Council, the director of the gymnasium, and the captain of the team concerned to furnish the Faculty Committee on Athletics, on request, a statement to the effect that each member of an athletic team is above their suspicion as to his eligibility to represent the University as an amateur before such player shall be allowed to take part in any contest.

REGULATIONS GOVERNING DRAMATIC, MUSICAL, DEBATING, AND SIMILAR ORGANIZATIONS

1. No student will be allowed to take part in dramatic, musical, debating, oratorical, or similar events entailing absence from the University whose parents (or guardian) object to such participation.

2. Any student who was in attendance at the University during a previous quarter must have passed, during his last quarter of attendance, satisfactory examinations upon at least two full courses or their equivalent, before he will be allowed to represent the University in any dramatic, musical, debating, oratorical, or similar event of a public nature.

3. No student reported during the course of any quarter as deficient in two full courses or their equivalent may publicly represent the University in any dramatic, musical, debating, oratorical, or similar event until such deficiency is made good. For the purpose of administering this ruling, the Director of the organization concerned shall present to the Registrar at least four weeks before the given event a list of students proposed for participation in that event; the Registrar shall report to the Director of that organization at least three weeks before the event the names of ineligible students on such list, and after that date no student not so reported shall be declared ineligible.

4. No team or club will be allowed to be absent from the University more than ten lecture days during any quarter.

5. No student having membership in more than one of these organizations, or in one of these and one athletic organization will be allowed to be absent from the University more than ten lecture days during any quarter.

STUDENT GOVERNMENT

The student body of the University is self-governing. The functions of this government are both disciplinary and constructive. These functions are exercised by the Student Council and the Central Administrative Council respectively.

THE STUDENT COUNCIL, 1928-1929

Daniel Edward Hudgins, Jr., Chairman *ex officio*

Sam Stevenson McNeely, Jr., Secretary

David Meade Field

Henry Newton Patterson

Howard Cox

John Oscar Redding, Jr.

Ralph Cordell Greene

David Benjamin Brown

The Student Council is composed of eight members, as follows: Representatives of the three upper academic classes, one representative from each of the professional schools, one representative elected by the other seven members of the Council, and the President of the Student Body. The member elected by the Council must be chosen from among those who have served on the Council before. The President of the Student Body is *ex officio* Chairman of the Council.

Student government, in so far as it is disciplinary, is based upon the honor system. No code of rules is laid down to direct a student what to do and what not to do. The only standards are those of morality and gentlemanly conduct. The Student Council is the head of the honor system. It is the concrete expression of the moral University. Its members being elected of the students by the students, it is grounded upon, and gives expression to, student sentiment. The Council is not an organization of policemen, nor is it based upon a system of espionage. When any student is felt by his fellow students to be unworthy to remain in the University, the Council takes cognizance of this feeling. It examines the matter, finds the facts in the case, and decides upon the course to be pursued. If the student is found guilty of conduct unworthy of a University man, he is promptly required to withdraw from the University. Among the offenses demanding withdrawal may be mentioned drunkenness, cheating on examination, and gambling.

THE CENTRAL ADMINISTRATION COUNCIL, 1928-1929

1. DANIEL EDWARD HUDGINS, JR., President of the Student Body, President *ex officio*.
2. CHARLES ALBERT CARR, President of the Senior Class.
3. WALTER SPEARMAN, Editor of *The Tar Heel*.
4. JOHN MARSHALL, Editor of *The Carolina Magazine*.

The Central Administrative Council of the student body is composed of *ex officio* members who, because of their position as duly chosen student leaders, have a large share of the responsibility for the leadership in campus life and activities during their year of office. The four men meet frequently to discuss campus problems, and to plan for the unification of the student body in various progressive measures. They call in, from time to time, other student leaders representing various phases of University life, and discuss with them their plans for their particular activity and the way in which they may better serve the University as a whole. Such meetings between student leaders, coupled with periodic assemblies of some twenty-odd student leaders and members of the Faculty Committee on Student Activities, constitute the procedure by which the expanding life of the University has been unified in form and yet kept sensitive to the needs and viewpoints of the many student interests.

PUBLIC LECTURES

THE JOHN CALVIN McNAIR LECTURES

HENRY HORACE WILLIAMS, *Chairman*

The lecture fund established by the will of John Calvin McNair, of the class of 1849, became available in 1906, and the interest herefrom rendered it possible to begin the lectures in 1908. The honorarium for the lectures amounts to \$500 and the remainder of the interest from the fund provides for the suitable publication of the lectures. Under the will the objects of the lectures "shall be to show the mutual bearing of science and religion upon each other and to prove the existence of attributes (as far as may be) of God from nature."

The lectures for 1928 were delivered by the Reverend Thornton Whaling, D.D., of the Presbyterian Theological Seminary of Louisville, Kentucky. The lectures were:

1. The Rights of Science.
2. Science and Philosophy.
3. Science and Religion.

THE WEIL LECTURES

HOWARD WASHINGTON ODUM, *Chairman*

During the years 1914-1915 an unendowed lectureship on American Citizenship was established by the University. The first incumbent was ex-President William Howard Taft, who lectured on "The Presidency: Powers, Duties, Obligations, and Responsibilities." Since that time this foundation, named the Weil Lectures on American Citizenship, has been permanently established through the generosity of the families of Mr. Sol Weil and Mr. Henry Weil, of Goldsboro, N. C.

The series for 1927-1928 was delivered by Professor William H. Kirkpatrick, of Columbia University. His subject was: "Education and Citizenship in the Changing South."

UNIVERSITY SERMONS

WALTER DALLAM TOY, *Chairman*

Under the auspices of a Faculty Committee, University Sermons are delivered through the year in the College Chapel by prominent clergymen.

The sermons for 1927-1928 were delivered by:

William Louis Poteat, LL.D., Wake Forest, N. C.

Rev. A. A. Berle, D.D., New York, N. Y.

Rev. H. L. Canfield, Greensboro, N. C.

UNIVERSITY ORGANIZATIONS

THE SENATE OF THE DIALECTIC LITERARY SOCIETY AND THE GENERAL ASSEMBLY OF THE PHILANTHROPIC LITERARY SOCIETY

The Dialectic and the Philanthropic Literary Societies were organized in 1795, the year of the opening of the University. Their existence has been inseparably linked with that of the University and they have shown remarkable power in developing character, as well as in training the intellect. They offer facilities for practice in debate, oratory, and essay writing; and their members become familiar with parliamentary law and procedure.

In 1919 the Philanthropic Society reorganized itself after the plan of the General Assembly of North Carolina, and is now the General Assembly of the Philanthropic Literary Society, and conducts its meetings as a legislative assembly. Similarly in 1924 the Dialectic Society was reorganized upon the plan of a senate and as such conducts its meetings.

Each society owns a large, handsomely furnished hall, the walls of which are hung with oil portraits of illustrious members, including a President of the United States, Cabinet members, Governors, etc. Meetings are held by each society every Saturday evening of the college year, admission being confined to members. Public contests in debate between the two societies are conducted throughout the year, culminating in the annual Commencement debate. There is also held each year a system of intercollegiate debates and oratorical contests.

By immemorial custom, students from the eastern half of the State usually join the Philanthropic Society, while those from the western half join the Dialectic Society (Chapel Hill being regarded as the dividing line). Although membership in these societies is entirely optional, it is earnestly recommended by the Faculty as furnishing unusual opportunities not only for literary culture, but also for the development of self-control and the power to persuade and control others.

ELISHA MITCHELL SCIENTIFIC SOCIETY

JOHN FREDERICK DASHIELL, Ph.D., *President*.

JOHN NATHANIEL COUCH, Ph.D., *Vice-President*.

JAMES MUNSIE BELL, Ph.D., *Permanent Secretary*.

GERALD RALEIGH MACCARTHY, Ph.D., *Recording Secretary and Treasurer*.

WILLIAM CHAMBERS COKER, Ph.D. } *Editors of the Journal of*
ALVIN SAWYER WHEELER, Ph.D. } *the Elisha Mitchell Scien-*
WILLIAM FREDERICK PROUTY, Ph.D. } *tific Society.*

The Elisha Mitchell Scientific Society holds monthly meetings during the college year for the discussion of scientific subjects. A *Journal*, which is the official organ of the Society and of the North Carolina Academy of Science, is issued quarterly. The object of the society is to encourage scientific research and to record results of such work, especially those that pertain to the natural history of the State. The membership is at present restricted to the faculty and students of the University, and members of the staff of the State Department of Conservation and Development.

At the monthly meetings, which are held on the second Tuesday of each month, excellent opportunities are afforded the students to get beyond the ordinary routine of the classroom by hearing readings and discussions of papers resulting from the research work in all the scientific departments of the University, talks by the alumni engaged in scientific research, and discussions of the important scientific discoveries. It gives the students and faculty a broader outlook and sympathy for scientific research in fields other than their own special one, a sympathy which is impossible in the smaller departmental societies.

The *Journal* is more than a bulletin of the scientific laboratories of the University. It contains original papers on scientific subjects by scientific men and research students throughout the Southern States. It also publishes the Proceedings of the Elisha Mitchell Scientific Society and the Proceedings of the North Carolina Academy of Science, as well as abstracts of papers on scientific subjects published elsewhere by members of the faculty and alumni of the University. It is now in its forty-fifth year. The volumes already issued contain more than six thousand pages. By the exchange of the *Journal* with more than three hundred scientific journals and periodicals many thousands of books and pamphlets have been collected, all of which are arranged in the University Library.

THE NORTH CAROLINA HISTORICAL SOCIETY

ALMA STONE SKAGGS, A.B., *Permanent Secretary.*

The North Carolina Historical Society was founded in 1833 by Governor David L. Swain. When Governor Swain became President of the University, the Society was moved from Raleigh to Chapel Hill. Under his leadership it became the center of historical work in the State and the medium of many notable contributions to the history of the State. On March 22, 1875, through the activity of Kemp Plummer Battle, LL.D., the society was chartered by an act of the General Assembly. The purpose of the Society is to

collect, classify, and publish material illustrative of the history of the State. The Society possesses a valuable collection of books, pamphlets, manuscripts, newspaper files, coins, and other objects of historic interest. The educational aim of the Society is to create a love for historical study and to give training in scientific methods of historical investigation.

THE NORTH CAROLINA CLUB

JAMES W. WILLIAMS, *President*.

SHELDON B. HUNTER, JR., *Vice-President*.

PAUL W. WAGER, *Secretary*.

EUGENE C. BRANSON, *Chairman of the Steering Committee*.

MARION R. ALEXANDER, *Chairman of the Publicity Committee*.

WILLIAM E. EZZELL, *Chairman of the Membership Committee*.

The North Carolina Club was organized September 25, 1914, for the purpose of providing an open forum to review, interpret, and discuss the economic, social, and civic problems of the State. It is an organization composed of students and faculty members who are bent upon accurate, intimate acquaintance with North Carolina. The Club meets for an hour upon fortnightly Monday evenings for the reading and discussion of a paper prepared by a member. Graduate and undergraduate college credit is given for creditable work provided the student registers in advance for Club credit. The studies of the North Carolina Club are given to the public in its annual Year Book.

THE PHILOLOGICAL CLUB

NICHOLSON BARNEY ADAMS, Ph.D., *President*.

GEORGE COFFIN TAYLOR, Ph.D., *Vice-President*.

JAMES WILLIS POSEY, A.M., *Secretary*.

RUDOLPH SAMUEL MATTHEWS, A.B., *Treasurer*.

The Philological Club meets in the lounge of the Graduate Club on the first Tuesday evening of each month during the college year. Its membership consists of the faculty and advanced students in the language and literature departments of the University. The object of the Club is to stimulate original investigation in language and literature and to afford an opportunity for the interchange of views on subjects relating to such work. At each meeting papers are read and discussed.

DER DEUTSCHE VEREIN

RUDOLPH SAMUEL MATTHEWS, A.B., *Director and Faculty Adviser*.

The Verein was established for the purpose of maintaining and stimulating among the officers and students of the University inter-

est in German literature and music, life and customs, progress and achievements. The aim is to employ the German language as much as possible. The effort is made to provide students of German with an opportunity to perfect their pronunciation and to improve their control of the spoken language.

It is part of the purpose of the Verein to arrange from time to time for public lectures in German.

All officers and students of the University interested in German are eligible for membership. The Verein meets twice a month, every second and fourth Thursday, at 7:00 p.m. The meetings usually last one hour.

LE CERCLE FRANCAIS

G. FREDERIC COLE, *President*.

JOHN CORIDEN LYONS, Ph.D., *Adviser*.

Le Cercle Francais holds weekly meetings at which topics of general interest pertaining to French literature and French life, manners, and customs are discussed. The French language is employed exclusively. It is the aim of the club to stimulate interest in the French language, and to provide its members with an opportunity to hear idiomatic French spoken and to use the language with more facility. All officers and students of the University interested in the study of French are eligible for membership.

EL CENTRO HISPANO

AUGUSTUS CAMPBELL JENNINGS, *President*.

ARMANDO MÉNDEZ PÉREZ, *Vice-President*.

PEDRO PABLO KJELLESVIG, *Secretary*.

WILLIAM CALLIER SALLEY, *Treasurer*.

NICHOLSON BARNEY ADAMS, Ph.D., *Adviser*.

The membership of El Centro Hispano consists of the instructors in Spanish, members of the community who speak the language, and students of the University who have shown distinction in courses in Spanish. The object of the club is to stimulate interest in the language, literature, and customs of Spain and Hispanic America, and to provide its members with an opportunity to hear idiomatic Spanish spoken and to use the language with more facility.

AMERICAN SOCIETY OF CIVIL ENGINEERS

The William Cain Student Chapter

ROBERT PHILLIP HOWELL, *President*.

ROBERT HAILE HAYES, *Vice-President*.

CHARLES PERRY ERICKSON, *Secretary*.

FRANCIS LEE ADAMS, *Treasurer*.

The purposes of the Chapter are to afford the student in Civil Engineering practice in the preparation and presentation of engineering papers, to give a working knowledge of parliamentary law, to develop the ability to speak extemporaneously, and to provide a contact between students, faculty, and visiting engineers.

The Chapter meets bi-weekly; and six times during the year social meetings are held, to which are invited successful practising engineers.

The Chapter receives all the publications of the Society and its members are accorded the privilege of attending any of the Society meetings.

Membership is open to all students of the Civil Engineering Department.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

The University of North Carolina Branch

WILLIAM NORWOOD MICHAL, *President*.

CHARLES PATTON HAYES, JR., *Secretary*.

The aim of the Branch is to stimulate interest in modern problems in the various fields of electrical engineering, to provide a means for students to discuss in public various questions of a technical nature, and to give them an opportunity for practice in thinking on their feet. The Branch meets semi-monthly. The papers consist of original discussions and abstracts of papers presented before the regular Institute meetings. Memberships in the Branch is open to all students who are interested in electrical engineering, and all enrolled members receive regular monthly Proceedings of the Institute.

MUSIC CLUBS

The Music Clubs consist of the Glee Club, the Orchestra, and the Band, each of which is directed by a member of the Department of Music. The music used is of the highest type and the artistic standards are those of the best amateur organizations. Music is furnished for numerous occasions on the campus, and each year concert trips are made in North Carolina and the neighboring states. Membership in these clubs is gained through competitive try-outs.

MUSICAL ACTIVITIES

A series of free Sunday afternoon concerts is provided by the Department of Music, the concerts coming on the first Sunday of each month during the school year. These are given by members of the department, by students and student organizations, and by visiting artists.

At least one series of public lectures on musical subjects is given during each school year. During the year 1928-29 two such courses were given: a series of ten lectures on fugal writing as illustrated by Bach, and a series of ten lectures on symphonic music.

In addition to the concerts included in the Student Entertainment Course, a limited number of concerts by visiting artists are sponsored each year by the Music Department, or by Wigie and Masque or Phi Mu Alpha Sinfonia, the honorary Musical fraternity. During the year 1928-29 the following concerts were given under these auspices: a program by the Barrerre Little Symphony Orchestra; a program of Russian Folk Songs by Saveli Walevitch.

Wigie and Masque, a student musico-dramatic organization, produces each year an original musical comedy, with a cast made up entirely of men. The book and music for this production are written by students and selected in annual competition each fall, cash prizes being offered. Membership is by election from the cast of the productions. The cast is open to all men in the student body through competitive tryouts.

STUDENT ENTERTAINMENT COURSE

By vote of the student body in the College of Liberal Arts and the School of Education, a fee of \$1.00 a quarter is charged against each student in these two schools for the support of the Student Entertainment Course. Students in other schools may take advantage of the entertainment course at the same rate, \$3.00 for the year. The administration of the resulting fund is in charge of a special committee consisting of four students from the two schools and three faculty members.

During the school year 1928-1929 the entertainment course included the following numbers: concert by Paul Whiteman's Orchestra, October 12th; lecture by Sherwood Anderson, November 15th; lecture by Count von Luckner, January 18th; concert by the Flonzaley Quarter, February 1st; dramatic reading by E. H. Sothern, February 27th; concert by Gina Pinnera, soprano, April 1st; lecture by Richard Halliburton, April 15th; dance recital by Ronny Johansson, May 15th.

THE CAROLINA PLAYMAKERS

FREDERICK HENRY KOCH, A.M., *Director*.

HUBERT CROUZE HEFFNER, A.M., *Associate Director and Manager*.

SAMUEL SELDEN, A.B., *Technical Director*.

ALVIN SAWYER WHEELER, Ph.D., *Treasurer*.

The Carolina Playmakers is the University dramatic organization.

Its purpose, as set down in the Charter, is: "First, to promote and encourage dramatic art, especially by the production and publishing of plays; Second, to serve as an experimental theatre for the development of plays truly representative of the traditions and present-day life of the people; Third, to extend its influences in the establishment of a native theatre in other communities." It is incorporated under the laws of the State of North Carolina as a non-stock corporation. The members are President Chase, Professors Koch, Henderson, Heffner, Coates, Wheeler, Graham, and Mr. Selden, Mr. Woollen, Mrs. Paul Green, and Mr. Louis Graves.

The Carolina Folk-Plays and other plays of American locale are written and produced in the University courses in Dramatic Composition and Production, members of the community of Chapel Hill—students, faculty, and townspeople—assisting. Those who contribute to the writing or producing of the plays constitute the membership of the organization. Any student may participate in any of the various departments of the work.

The Playmakers now have their own theatre building on the campus, fully equipped for all manner of experimentation and production. Besides this, their Forest Theatre furnishes an ideal setting for out-of-door productions.

Each year The Playmakers make three tours of ten days each, one each University quarter.

YOUNG MEN'S CHRISTIAN ASSOCIATION

Advisory Board, 1928-1929

W. D. MOSS, *Chairman*.

D. D. CARROLL, *Treasurer*.

H. W. CHASE

F. P. GRAHAM

L. J. PHIPPS

H. W. ODUM

F. F. BRADSHAW

R. B. HOUSE

H. D. MEYER

R. MAC. GRAY (*ex officio*)

WYETH RAY (*ex officio*)

Employed Staff

HARRY F. COMER, *General Secretary* (on leave).

AUBREY A. PERKINS, *Associate General Secretary*.

GRADY H. LEONARD, *Self-help Secretary*.

MISS WILLIE AMES, *Office and Self-help Secretary*.

MRS. MILDRED C. HILL, *Records and Stenographic Secretary*.

Student Officers

R. MAC. GRAY, JR., *President*.

JAMES W. WILLIAMS, *Vice-President*.

WYETH RAY, *Treasurer*.

WILLIAM J. CHANDLER, *Recording Secretary*.

The Young Men's Christian Association is an organization of students which seeks by precept and example to encourage right and wholesome Christian living. In this spirit it endeavors to extend a helping and active influence to every sphere of campus activity, athletic, academic, social, and so on.

Not unaware of its essentially religious nature, it strives in every feasible way to make the religion of the campus very real and very genuine; and to uphold the Christian life as the ideal in conduct, thought, and temperament for every man. To those who are so inclined it offers unlimited opportunity for religious service. Through its support of rural Sunday schools, its Bible and missions studies, its religious meetings, its deputation teams to high schools, its special lectures and institutes, its evangelistic campaign, and its personal associations it affords every man a medium of expression in service to the Christian cause.

For an additional number it offers opportunity for community and social service. Through its work for new students, the yearly handbook and directory, bureau of employment, exchange of lost and found articles, socials, receptions, and similar activities, many students are enabled to give to the community that measure of useful service which would otherwise remain wholly unexpressed.

The Association has very greatly enlarged its program and staff in the past four years, keeping step with progress in all other departments of the University, and with the increase in student enrollment. More than 300 different men are being used this year on various committees, and the work has extended itself very greatly into the life of the community. From the physical standpoint, all this expansion focuses upon the plan for a thoroughly modern building within the near future.

GENERAL ALUMNI ASSOCIATION

The General Alumni Association of the University of North Carolina was first organized in 1843. It continued with its original organization until the Civil War. Beginning again in 1875 meetings of the Association were held, usually for some emergency purpose. It appears that the General Alumni Association in 1875, destined so to continue for a number of years, was merely a meeting of a handful of interested alumni for the purpose of best serving some emergent University situation. Repeated efforts were made after 1875 to adopt some definite plan of organization with a stipulated membership, fees, officers, and a program. Some of these efforts never developed beyond paper plans, while others were actually undertaken but persisted only a short time. Finally, in 1919, a Constitution for the Association was drafted which was destined to be the actual forerunner of the Association as it is today. Three years later a full-time Executive Secretary was secured and the Central Alumni Office opened apart from any other University activity. By the end of 1925 the work of the Association had so developed as to render the old Constitution and By-Laws obsolete. A special committee was created to draft a final plan for the organization of the General Alumni Association. This was reported and adopted at the General Assembly of the Association on November 20, 1926.

The General Alumni Association is interpreted to include all the local associations holding charters from the General Association, the Alumni Class Secretaries Bureau, the Alumni Loyalty Fund Council, those in charge of any alumni project which has the sanction of the General Assembly, and such additional activities as the Association may initiate, or authorize others to initiate, within the alumni body. By way of summary, the Association includes the composite of all activity carried within the alumni body whether the work is conducted by the Association through its regularly established agencies, or conducted by some other agency but with the sanction of the General Assembly; for the Association presumes to control all activity within the alumni body.

The general purposes of the Association, as stated in its present Constitution, are those which have been usually regarded as its purposes since the first meeting in 1843, although the emphasis has shifted from time to time. In exact phrase they are stated as being "to perpetuate the friendships formed in collegiate years, to promote the welfare of the University of North Carolina and its alumni, and to promote the cause of education generally."

The rather liberal interpretation of *alumnus*, usual throughout the country, has been adopted by the General Alumni Association in its conception of its purpose and in its definition of the groups

from which its membership is derived. Active members may be recruited from the holders of any degree from the University of North Carolina awarded in course, former students who pursued courses leading to regular degrees, students of any summer law school prior to 1926, and special students during regular sessions. In addition honorary membership may be accorded non-alumni from the following groups: honorary degree holders, trustees and ex-trustees, members and ex-members of the University faculty, officers of the University, and such others as may be elected at any regular General Assembly of the Association.

The active membership of the Association is identical with the membership of the local associations holding charters from the General Association, and such others, beyond the reach of any organized chapter, as are willing to identify themselves with the work of the Association. In previous years every alumnus of the University has been assumed to be a member of the Association. Today membership in the Association is regarded rather as a matter of willingness on the part of individual alumni to assume a part of the financial and other responsibility incident to carrying out the general purposes of the organization.

The affairs of the Association are controlled by its annual General Assembly, meeting in the fall, to which the local associations and the classes with permanent organizations are entitled to send delegates. Under the present arrangement there is a total of about 180 votes cast in the General Assembly, but each class or local association may send as many delegates to the Assembly as it chooses. In addition to legislating for the General Association, the annual Assembly is a forum for a free and full discussion of all matters germane to the purposes of the organization. There is a Board of Directors, composed of twenty-two members, which serves as the executive body for the Association. This meets as conditions require. Twelve of its members represent the local associations, divided into twelve districts constituted according to alumni population and geographical proximity. Three represent the Alumni Class Secretaries Bureau. Six of the Directors are elected from the Association at large by the General Assembly. The most recent living ex-president is a member of the Board of Directors, *ex officio*.

The Association maintains an executive office in Chapel Hill, designated the Central Alumni Office, and edits monthly from October to July the *Alumni Review*. It also has three representatives on the University Athletic Council.

Further information regarding the General Alumni Association, officers, committeemen, and its full constitution and by-laws may be had upon application to its Executive Secretary, Drawer 832, Chapel Hill. The executive office is located in suite 208 South Building.

PART THREE

COURSES OF INSTRUCTION—UNDERGRADUATE AND GRADUATE

In this section are listed and described all courses offered in the regular sessions of the University except those in the professional schools of Law, Medicine, and Pharmacy. For courses in these schools see PART FIVE.

NOTES ON THE METHOD OF NUMBERING AND COUNTING COURSES

A *course* meets five or six times a week; a *half-course* meets three times a week. Two hours of laboratory or field work count as one meeting. All work is credited toward degrees either as whole or as half courses in accordance with the principles stated above.

In the event that required freshmen subjects are taken after a student's sixth quarter in the University or required sophomore subjects after the ninth quarter, such subjects carry half credit only. This rule applies to the class registered as freshmen in the year 1925-1926 and to all later registrants.

Courses with a double number are completed in two quarters, and in general credit will not be given until both quarters have been completed; for example, History 1-2. Certain of these courses meet only three times a week and together count as one course. Courses which meet five or six times a week for two quarters carry a credit of two courses.

Courses with three numbers require three quarters to complete, and in general credit will not be given for the work of one or two quarters only. Those meeting five times a week carry a credit of three courses. Those meeting only three times a week carry a credit of one and a half courses.

Courses numbered 1-99 are undergraduate courses and may not be counted for graduate credit except by previous arrangement with the Head of the Department concerned and the Dean of the Graduate School.

Courses numbered 100 and above are of strictly graduate grade. An undergraduate student may not register for such a course except by special permission of the instructor in the course and the Head of the Department.

DEPARTMENT OF BOTANY

Professor COKER; Associate Professors TOTTEN, J. N. COUCH; Assistants BARRETT, A. B. COUCH, MISS HOLLAND KESLER, MORGAN, RAPER, RHODES, SMITH, and MISS WARD.

Courses for Undergraduates

1. GENERAL BOTANY. Freshman, Sophomore, Junior, and Senior elective.

An introduction to the structure and classification of plants. Lectures with laboratory and field work. *Four lecture and four laboratory hours a week, fall or spring quarter. Laboratory fee, \$4.00.* Professors Coker, Totten, Couch, Miss Holland, Messrs. Barrett, A. B. Couch, Kesler, Morgan, Raper, Rhodes, Smith, and Miss Ward.

2. STRUCTURE AND CLASSIFICATION OF SEED PLANTS. Sophomore, Junior, and Senior elective. Prerequisite, Botany 1.

Structure and classification of seed plants with special attention to agricultural problems. *Two lecture and eight laboratory hours a week, spring quarter. Laboratory fee, \$4.00.* Professors Coker, Totten.

10-11. For description of courses 10-11, see School of Pharmacy.

Courses for Graduates and Advanced Undergraduates

3. STRUCTURE, GROWTH, AND CLASSIFICATION OF MOSSES AND FERNS. Prerequisite, Botany 1.

Two lecture and six laboratory hours a week, winter quarter. Laboratory fee, \$4.00. Professors Coker, Couch.

4, 5, 6. STRUCTURE AND DEVELOPMENT OF THE FUNGI. Prerequisite, Botany 1.

A study of the morphology of the fungi with special attention to plant diseases, to the culture and development of the lower fungi, and to the identification of mushrooms. Lectures and laboratory and field work. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *One lecture and eight laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$4.00 a quarter.* Professors Coker, Couch.

8. SEMINAR, STUDIES IN THE HISTORY OF BOTANY. Prerequisite, two courses in botany.

Readings and reports. This course may be continued for more than one year as the subject advances, credit being given for each repetition. *Three hours a week, winter quarter.* Professor Coker.

Courses Primarily for Graduates

107-108-109. PLANT MORPHOLOGY.

Advanced work in the embryology and anatomy of plants. The student is required to collect and prepare material for the microscopic study of special problems. Theses. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Ten laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$4.00 a quarter.* Professor Coker.

110-111-112. GRADUATE RESEARCH.

Original work, with thesis, under the guidance of the instructor. This course may cover most of the work of the student for several years, credit being given each year in accordance with the work done. *Laboratory fee, \$4.00 a quarter.* Professor Coker.

DEPARTMENT OF CHEMISTRY

Professors BELL, VENABLE, WHEELER, CAMERON, VILBRANDT; Associate Professors DOBBINS, EDMISTER; Assistant Professors CROCKFORD, BOST; Instructor MEBANE; Teaching Fellows HOLROYD, MARTIN, MILNE; Assistants THOMAS, LJUNG, ERGLE, NORTON, GALLANT, MATTOX, WILLIAMS, HUGHES, MATTHEWS, ABERNETHY, WARD.

Courses for Undergraduates

1-2. GENERAL DESCRIPTIVE CHEMISTRY.

An introduction to the study of the principal non-metallic and metallic elements and their compounds. Lectures with laboratory work. *Four lecture and four laboratory hours a week, fall and winter or winter and spring quarters. Laboratory fee, \$5.50 a quarter.* Professors Bell, Cameron, Edmister, Crockford; Messrs. Gallant, Holroyd, Ljung, Mattox, Williams, Hughes, Matthews, Abernethy, Ward.

6. GENERAL CHEMISTRY.

Continuation of Chemistry 1-2 for S.B. I students only, with readings from selective German texts. *Five hours a week, spring quarter.* Professor Edmister.

7. INORGANIC CHEMISTRY. Prerequisite, Chemistry 1-2.

A detailed study of inorganic chemistry from the standpoint of the Periodic System. Required of S.B. I students. Elective for students in A.B., A.B. in Education, or S.B. Chemical Engineering course. *Five lectures a week, fall quarter.* Professor Cameron.

13. CHEMISTRY OF FOODS. Prerequisite, Chemistry 1-2.

Digestion processes, and the composition, preservation, adulteration, and industrial production of foods. *Five hours a week, spring quarter.* Professor Cameron.

21-22-23. RESEARCH FOR SENIORS. Prerequisite, Chemistry 45, 46, 61, 62, 81, 82.

Twelve laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$10.00 a quarter. Professors Bell, Wheeler, Cameron, Dobbins, Vilbrandt, Edmister, Crockford, Bost.

31. QUALITATIVE ANALYSIS. Prerequisite, Chemistry 1-2.

Laboratory work and lectures. *Three lecture and six laboratory hours a week, fall or spring quarter. Laboratory fee, \$10.00.* Professor Dobbins, Messrs. Ljung, Norton.

32. CHEMICAL EQUATIONS. Prerequisite, Chemistry 41, 42.

A detailed study of the reactions of the elements and their compounds. Lectures and text-books. *Five hours a week, spring quarter.* Professor Dobbins.

41, 42. ELEMENTARY QUANTITATIVE ANALYSIS. Prerequisite, Chemistry, 31.

Gravimetric and Volumetric Analysis. Laboratory work, lectures, and stoichiometric exercises. *Three lecture and six laboratory hours a week, fall and winter quarters. Laboratory fee, \$10.00 a quarter.* Professor Dobbins, Messrs. Mebane, Milne, Ljung.

45, 46. TECHNICAL QUANTITATIVE ANALYSIS. Prerequisite, Chemistry 41, 42.

Ore assay and analysis of water, cotton products, fertilizers, oil, fuel, gas, and miscellaneous material. *Three lecture and six laboratory hours a week, fall and winter quarters. Laboratory fee, \$10.00 a quarter.* Professor Vilbrandt, Mr. Thomas.

47. OPTICAL METHODS OF ANALYSIS. Prerequisite, Chemistry 41, 42.

Spectroscopic, Microscopic, and Microchemical Methods. *Three lecture and six laboratory hours a week, spring quarter. Laboratory fee, \$5.00.* Professor Vilbrandt, Mr. Thomas.

61, 62. ORGANIC CHEMISTRY. Prerequisite, Chemistry 31.

Required of students in the S.B. I, S.B. IV, and Pre-medical courses. *Three lecture and six laboratory hours a week, fall and winter, or winter and spring quarters. Laboratory fee, \$10.00 a quarter.* Professors Wheeler, Bost, Messrs. Ergle, Norton.

66. ORGANIC CHEMISTRY. Prerequisite, Chemistry 61, 62.

Selected reading in Organic Chemistry from German texts. For S.B. I students only. *Five hours a week, fall quarter.* Professor Wheeler.

81, 82. ELEMENTARY PHYSICAL CHEMISTRY. Prerequisite, Chemistry 41, 42.

Study of the properties of solids, liquids, and gases, and of their relation to chemical constitution. *Three lecture and six laboratory hours a week, winter and spring quarters. Laboratory fee, \$7.00 a quarter.* Professors Bell, Crockford.

86. PHYSICAL CHEMISTRY. Prerequisite, Chemistry 81.

Selected reading in Physical Chemistry from French texts. For S.B. I students only. *Five hours a week, spring quarter.* Professor Bell.

Courses for Graduates and Advanced Undergraduates

11, 12. CHEMICAL TECHNOLOGY. Prerequisite, Chemistry 45, 46, 61, 62.

The methods and economics of the chemical industries; lectures and laboratory work. *Three lecture and six laboratory hours a week, fall and winter quarters. Laboratory fee, \$7.00 a quarter.* Professor Vilbrandt.

18. HISTORY OF CHEMISTRY. Prerequisite, Chemistry 61, 62, 81, 82.

History of Chemistry, with discussion of the development of chemical theories. *Three hours a week, spring quarter.* Professor Venable.

63. IDENTIFICATION OF PURE ORGANIC COMPOUNDS. Prerequisite, Chemistry 61, 62.

Lectures and laboratory. *Three lecture and six laboratory hours a week, fall quarter. Laboratory fee, \$10.00.* Professor Bost.

64. CHEMISTRY OF DYESTUFFS. Prerequisite, Chemistry 61, 62.

Lectures and laboratory. (Given in 1929-1930 and in alternate years.) *Three lecture and four laboratory hours a week, winter quarter. Laboratory fee, \$10.00.* Professors Wheeler, Bost.

65. ADVANCED TOPICS IN ORGANIC CHEMISTRY. Prerequisite, Chemistry 61, 62.

Lectures and laboratory. (Given in 1928-1929 and in alternate years.) *Three lectures and four laboratory hours a week, winter quarter. Laboratory fee, \$10.00.* Professors Wheeler, Bost.

67, 68. ADVANCED ORGANIC PREPARATIONS. Prerequisite, Chemistry 61, 62.

Laboratory course. *Six laboratory hours a week, winter and spring quarters. Laboratory fee, \$10.00 a quarter.* Professors Wheeler, Bost.

83. ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 81, 82.

Lectures and text-books. *Five hours a week, fall quarter.* Professor Crockford.

84. ELECTROCHEMISTRY. Prerequisite, Chemistry 81, 82.

Lectures and text-books. *Five hours a week, winter quarter.* Professor Crockford.

85. ELECTROCHEMISTRY. Prerequisite, Chemistry 84.

Laboratory course in Electrochemistry to follow the lecture course, Chemistry 84. *Six laboratory hours a week, spring quarter. Laboratory fee, \$7.00.* Professor Crockford.

Courses in Chemical Engineering

1b. FUELS, METALLURGY, AND METALLOGRAPHY. Prerequisite, Chemistry 45.

A study of the preparation, combination, costs, and utilization of fuels, the microscopic structure of ferrous and non-ferrous alloys and the effects of composition, heat treatment, and mechanical work upon these structures and the physical properties of these ferrous alloys. A portion of the course is devoted to laboratory study and heat balance studies on power plants. *Three lecture and six laboratory hours a week, winter quarter. Laboratory fee, \$7.00.* Professor Vilbrandt, Mr. Thomas.

2c. CHEMICAL ENGINEERING EQUIPMENT AND INFORMATION.

A study of different types of equipment and materials of construction, such as wood, cement, stone ware, enamel ware, etc., such as are used in chemical industries. A study of original sources of information—patent literature, government reports, bibliographies, trade catalogs, abstract journals, libraries, activities of technical organizations, etc., to be given four hours a week during last half of spring quarter. A series of inspection trips to chemical industries in this and near-by states will be taken by the group, written reports to be made on the survey. *Six hours a week, spring quarter.* Professor Vilbrandt.

3abc. PRINCIPLES OF CHEMICAL ENGINEERING. Prerequisite, Chemical Engineering 1b and 2c.

A study of the theories of combustion, fluid flow, heat flow, filtration, evaporation, distillation, etc. *Three hours a week, fall, winter, and spring quarters.* Professor Vilbrandt.

6c. CHEMICAL ENGINEERING LABORATORY. Prerequisite, Chemical Engineering 3abc.

Efficiency studies on chemical equipment, plant erection studies, and unit process work in the laboratory. *Two lecture and six laboratory hours a week, spring quarter. Laboratory fee, \$10.00.* Professor Vilbrandt.

7c. SPECIAL PROBLEMS. Corequisite, Chemical Engineering, 6c.

Reading, reports, and laboratory work on selected chemical engineering subjects. A group of optional studies are available for the selection of the student: dyes, cellulose, foods, ceramics, petroleum, pyrometry, electrochemistry. *Two lecture and six laboratory hours a week, spring quarter. Laboratory fee, \$10.00.* Professor Vilbrandt.

Courses Primarily for Graduates

111abc. RESEARCH IN INDUSTRIAL CHEMISTRY.

This course (or 121abc, 141abc, 161abc, 181abc) is intended for applicants for advanced degrees. Laboratory work with frequent conferences with the professor and reference to the literature relating to the subject of research. The subject of research must be assigned or approved by the professor. This course extends throughout the year. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$10.00 a quarter.* Professor Vilbrandt.

112abc. ADVANCED TECHNICAL CHEMISTRY. Prerequisite Chemistry 11, 12.

Seminar course: readings and discussions of recent advances in technical chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Vilbrandt.

121abc. RESEARCH IN INORGANIC CHEMISTRY.

The statements made in regard to course 111abc apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$10.00 a quarter.* Professor Edmister.

122abc. ADVANCED INORGANIC CHEMISTRY. Prerequisite, Chemistry 32.

Seminar course: readings, reports, and discussions of recent advances in inorganic chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Edmister.

141abc. RESEARCH IN ANALYTICAL CHEMISTRY.

The statements made in regard to course 111abc apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$10.00 a quarter.* Professor Dobbins.

142abc. ADVANCED ANALYTICAL CHEMISTRY. Prerequisite, Chemistry 45, 46.

Seminar course: readings and discussions of recent advances in analytical chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Dobbins.

161abc. RESEARCH IN ORGANIC CHEMISTRY.

The statements made in regard to course 111abc apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$10.00 a quarter.* Professors Wheeler, Bost.

162abc. ADVANCED ORGANIC CHEMISTRY. Prerequisite, Chemistry 63, 64.

Seminar course: readings and discussions of special chapters in organic chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professors Wheeler, Bost.

181abc. RESEARCH IN PHYSICAL CHEMISTRY.

The statements made in regard to course 111abc apply also to this course. *One lecture and nine laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$10.00 a quarter.* Professors Bell, Cameron, Crockford.

182abc. ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 83, 84.

Seminar course, readings and discussions of recent advances in Thermodynamics. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Bell.

183abc. ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 83, 84.

Seminar course, readings and discussions of recent advances in Electrochemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Crockford.

184abc. ADVANCED PHYSICAL CHEMISTRY. Prerequisite, Chemistry 83, 84.

Seminar course, readings and discussions of recent advances in Phase Rule and Colloid Chemistry. *One lecture and four library hours a week, fall, winter, and spring quarters.* Professor Cameron.

DEPARTMENT OF CLASSICAL LANGUAGES AND LITERATURES

Professors HOWE, BEBNARD, HARRER; Associate Professors SANDERS, HARLAND; Instructor GRIFFIN; Teaching Fellow ELLIOT.

GREEK

Courses for Undergraduates

1-2. GREEK FOR BEGINNERS.

A course for students who have had no opportunity to study Greek. This course may be counted for credit toward the A.B. degree provided it is followed by Greek 3, 4, 5. It may be counted for credit as an elective by students who have selected for their language requirement two other foreign languages. *Five hours a week, fall and winter, or winter and spring quarters.* Professors Bernard, Sanders, Mr. Griffin.

3. INTERMEDIATE GREEK: HOMER. Freshman and Sophomore elective. Prerequisite, Greek 1-2 or the equivalent.

Homer's Iliad, selections. *Five hours a week, fall quarter.* Professors Bernard, Harland.

4. INTERMEDIATE GREEK: GREEK PROSE. Freshman and Sophomore elective. Prerequisite, Greek 3.

A course continuing the purpose of Greek 3, to increase the student's proficiency in reading the language while at the same time leading him into the best literature. *Five hours a week, winter quarter.* Professors Bernard, Harland.

5. PLATO. Sophomore and Junior elective. Prerequisite, Greek 3-4.

Apology and Crito with selections from the other Socratic dialogues. The course is designed for a more critical study of Greek prose and the thought movements which culminated in the Socratic teaching. *Five hours a week, spring quarter.* Professor Bernard.

6. INTRODUCTION TO GREEK DRAMA. Sophomore and Junior elective. Prerequisite, Greek 3-4.

Three tragedies and one comedy will be studied. This course may be substituted, with the approval of the Professor of Greek, for the fifth course of the foreign language requirement. *Five hours a week, one quarter, on application.* Professor Bernard or Professor Sanders.

7. THE GREEK NEW TESTAMENT. Sophomore and Junior elective. Prerequisite, Greek 3-4.

St. Mark's Gospel, with selections from other parts of the New Testament. This course is both cultural and vocational. It is designed for those students who wish a more intimate knowledge of the Bible in its original language and

also especially for divinity and Y. M. C. A. students. With the approval of the Professor of Greek it may be substituted for the fifth course of the foreign language requirement. *Five hours a week, one quarter, on application.* Professor Bernard or Mr. Griffin.

8. HOMER: ADVANCED COURSE. Sophomore, Junior, and Senior elective. Prerequisite, Greek 3-4.

Rapid reading of the entire Odyssey with Homeric Study. *Five hours a week, one quarter, on application.* Professor Sanders or Professor Bernard.

Courses for Graduates and Advanced Undergraduates

21-22. GREEK DRAMA: ADVANCED COURSE. Prerequisite, Greek 6.

An extended reading and study of the Greek drama, with lectures on the origin, history, and structure of the drama. *Five hours a week, two quarters.* Professor Bernard or Professor Sanders.

30. GREEK HISTORY. Prerequisite, Greek 1-5 or the equivalent.

Selections from the Greek Historians, chiefly Herodotus, will be read and reports will be made on related topics in Greek History. *Five hours a week, fall quarter, on application.* Professor Harland.

31. GREEK HISTORY. Prerequisite, Greek 1-5 or the equivalent.

Selections from Thucydides will be read and the history of Athens and Sparta will be reviewed with a view to explaining the underlying causes of the Peloponnesian War. *Five hours a week, winter quarter, on application.* Professor Harland.

43. THE GREEK NEW TESTAMENT. Prerequisite, Greek 7.

The Acts of the Apostles, study of grammar and diction, comparison with English versions; the Gospels, with selections from the Epistles; the principles of textual criticism, sources and history of the Greek text and the versions. *Five hours a week, one quarter, on application.* Professor Bernard.

Courses Primarily for Graduates

101abc. GREEK SEMINAR.

This course is devoted to the study in detail of particular authors or periods in Greek literature, the subject matter varying from year to year. It calls for wide reading in the Greek authors selected and in the critical literature concerning them, with oral and written reports. Lectures and conferences. Professors Bernard, Harland, Sanders.

(For additional courses see under Courses Requiring no Knowledge of the Greek or the Latin Languages, pages 106-108, and under Comparative Literature, pages 108-109. Attention is called also to courses in Comparative Philology offered by the Department of German. See page 149.

LATIN

Courses for Undergraduates

1. SELECTIONS FROM CICERO'S ORATIONS. Freshman elective.

Review of grammatical principles, vocabulary, prepared and sight translation. This course is designed for those students who present 2 units only in Latin for entrance, and will count for credit provided it is followed by courses 2 and 3. *Five hours a week, every quarter.* Professor Howe (Chairman).

2. SELECTIONS FROM VIRGIL'S ÆNEID. Freshman elective. Prerequisite, Latin 1 or the equivalent.

A continuation of Latin 1: translation, hexameter, content of the Æneid, epic form. Students who present 3 units only in Latin for entrance begin with this course, and may count it for credit provided it is followed by Latin 3. *Five hours a week, every quarter.* Professor Howe (Chairman).

3. LATIN POETRY. Sophomore elective. Prerequisite, Latin 1-2 or the equivalent.

This course comprises the reading of selections from the leading poets of the Classical Period. Emphasis is put on content and literary form. Students who present 4 units of Latin for entrance begin with this course and may count it for credit provided it is followed by Latin 4. *Five hours a week, every quarter.* Professor Harrer (Chairman).

4. POST-AUGUSTAN PROSE. Sophomore elective. Prerequisite, Latin 1-3 or the equivalent.

The course is concerned with the translating of selections from the works of Tacitus and Pliny; but emphasis is also placed on the literary values of the works read, and on the political and social conditions of the period. *Five hours a week, every quarter.* Professor Harrer (Chairman).

5. ROMAN LAW. Prerequisite, Latin 1-3. The course is a Sophomore option of A.B.-LL.B. students, and is open to other students who have satisfied the prerequisite.

The course deals with the general principles and the historical development of Roman law. The work consists of the translation of selected passages in the legal literature, readings, and lectures. *Five hours a week, winter quarter.* Professor Harrer.

6. ROMAN SATIRE. Sophomore, Junior, and Senior elective. Prerequisite, Latin 1-3.

Readings from Horace, Petronius, Persius, Juvenal; occasional lectures. This course alternates with course 7. (Not offered in 1929-1930). *Five hours a week, fall quarter.* Professor Sanders.

7. CICERO'S LETTERS. Sophomore, Junior, and Senior elective. Prerequisite, Latin 1-3.

The reading of selected letters and discussions of the history and politics of the time. This course alternates with course 6. *Five hours a week, fall quarter.* Professor Sanders.

11. COURSE FOR TEACHERS. Prerequisite, Latin 1-3.

The course is concerned with pronunciation, forms, syntax, prosody, the art of translating, methods of instruction. *Five hours a week, fall quarter.* Professor Howe.

Courses for Graduates and Advanced Undergraduates

12. ROMAN HISTORICAL LITERATURE. Prerequisite, Latin 1-3.

A study of the structure, purposes, and methods of the most significant works. Translation and reading in English from the literature, reports, lectures. The course alternates with course 13. (Not offered in 1929-1930). *Five hours a week, fall quarter.* Professor Harrer.

13. ROMAN DRAMATIC LITERATURE. Prerequisite, Latin 1-3.

A study of the development of Latin comedy and tragedy: reading of selected plays. The course alternates with course 12. *Five hours a week, fall quarter.* Professor Harrer.

19. PROSE WRITINGS OF THE REPUBLIC. Prerequisite, Latin 1-3.

An account of the development of prose literature from Cato to Cicero, with special studies of certain types and readings from the chief works. *Five hours a week, winter quarter.* Professor Sanders.

20. CICERO: POLITICAL CAREER AND WORKS. Prerequisite, Latin 1-3.

A study of Cicero, as statesman and advocate. Selected letters, as well as a number of orations, will be read. *Five hours a week, spring quarter.* Professor Harrer.

30. MEDIAEVAL LATIN. Prerequisite, Latin 1-3, or the equivalent.

The course is principally concerned with translating from the Latin works of leading authors of the Middle Ages, and with some study of the chief differences between Classical and Mediæval Latin. *Five hours a week, winter quarter.* Professor Harrer.

Courses Primarily for Graduates

100. PROBLEMS OF RESEARCH.

The purpose of this course is to acquaint the student with the general field of classical studies and with the opportunities and methods of research. Typical problems will be reviewed, the nature and value of evidence discussed, and papers on assigned topics prepared. *Five hours a week, fall quarter.* Professor Howe or Professor Harrer.

101-102-103. LATIN SEMINAR.

The course in each quarter is devoted to the study in detail of a particular author or period in Roman literature, the choice of subject being determined, as far as possible, by the needs of the group. Typical subjects of recent years have been: Catullus, Lucretius, Cicero, Virgil, Horace, The Elegists, Tacitus, Post-Augustan Prose, Post-Augustan Poetry, etc. *Five hours a week, fall, winter, and spring quarters.* Professors Howe and Harrer.

104. LATIN EPIGRAPHY.

The aim of the course is to acquire facility in the deciphering and translating of inscriptions, to study in detail a selection of significant inscriptions and their values in the field of Roman studies. *Five hours a week, fall quarter.* Professor Harrer.

105. LATIN PALEOGRAPHY.

The aim of the course is a study of the more important scripts, practice in decipherment, and the methods of textual criticism. *Five hours a week, one quarter, on application.* Professor Harrer.

For additional courses see below under Courses Requiring no Knowledge of the Greek or the Latin Language and Courses in Comparative Literature, pages 106-109. Attention is called also to courses in Comparative Philology offered by the department of German. See page 149.

Courses Requiring no Knowledge of the Greek or the Latin Language

The following courses in classical literature and civilization are especially designed to supply the necessary foundation for those who, without a reading knowledge of the ancient languages, wish a broader culture, or plan to specialize in modern literature, history, art, etc. When properly approved, they will be allowed to count as part of the major requirement in other departments. They may be taken also to satisfy the requirement of a minor in literature. (See also under Comparative Literature, pages 108-109.)

14. GREEK LITERATURE. Junior and Senior elective. Open to Sophomores by permission.

A study of the masterpieces of Greek literature in English translation, with special reference to the contributions of Greek civilization to modern thought. *Five hours a week, fall quarter.* Professor Bernard. (The course is the same as Comparative Literature 14.)

15. LATIN LITERATURE. Junior and Senior elective. Open to Sophomores by permission.

A study of the masterpieces of Latin literature in English translation, with special reference to the contribution of Roman civilization to modern thought. *Five hours a week, winter quarter.* Professor Howe. (The course is the same as Comparative Literature 15.)

16. GREEK AND ROMAN ART. Junior and Senior elective.

A course which aims to set forth the universal æsthetic principles as illustrated in the masterpieces of Greek and Roman art, with discussions of the æsthetic theories of the classical writers. *Five hours a week, one quarter, on application.* Professor Bernard.

17. GREEK LIFE. Junior and Senior elective.

The course will be practically a survey of Hellenic civilization. The house, dress, education, social life, mythology, religion, theatre, games, etc., will be studied, especial attention being given to life in Athens in the Fifth Century B.C. Illustrated lectures, discussions, and required readings. *Five hours a week.* Professor Bernard.

18. ROMAN CIVILIZATION. Junior and Senior elective.

The course deals with the public institutions, the political and social conditions, and the private life of the Romans, their buildings, living conditions, amusements, manners and customs, and religion. *Five hours a week, spring quarter.* Professor Harrer.

25. GENERAL ARCHÆOLOGY. Sophomore, Junior, and Senior elective.

An introductory course in which the art and architecture of Egypt, Mesopotamia, Greece, and Rome will be studied. Illustrated lectures on the monuments will be supplemented by lectures on the history and civilization of the various peoples. Discussions and required reading. *Five hours a week, fall quarter.* Professor Harland.

26. GENERAL ARCHÆOLOGY. Sophomore, Junior, and Senior elective.

This course is a continuation of course 25. *Five hours a week, winter quarter.* Professor Harland.

27. GREEK ARCHÆOLOGY. Sophomore, Junior, and Senior elective.

This course will deal with the architecture, sculpture, painting, and vases of Greece. The historical development of the art of Greece will be studied, and Greek art will be presented as one phase of the civilization of the ancient Hellenes. *Five hours a week, spring quarter.* Professor Harland.

36. GREEK DRAMATIC LITERATURE. Junior and Senior elective.

A course designed to embrace the origin, development, technique, and content of Greek drama, with emphasis on tragedy. An interpretation of Greek life and thought as contributing to world progress. *Five hours a week, winter quarter.* Professor Bernard.

51. THE LATIN EPIC. Junior, Senior, and Graduate elective.

The history of the Latin Epic; detailed study of the *Æneid*. *Five hours a week, spring quarter.* Professor Howe.

53. PLATO IN ENGLISH TRANSLATION. Junior, Senior, and Graduate elective.

A course designed to lead the student into Platonic philosophy and literary criticism. *Five hours a week, spring quarter.* Professor Bernard.

NOTE. Greek 14, 36, and 53 may also be taken as graduate courses. In such cases the scope of the work in them will be considerably expanded and concentrated on some special phase of the subject required.

DEPARTMENT OF COMPARATIVE LITERATURE

Professors FOERSTER (Chairman), HOWE, KOCH, BERNARD, LEAVITT, HOLMES, THRALL, TAYLOR, JONES, GARRETT; Associate Professor ADAMS; Assistant Professor LYONS.

Courses for Undergraduates

14, 15. CLASSICAL LITERATURE. Junior and Senior elective. Open to Sophomores by permission.

A study of masterpieces of Greek and Latin literature in English translation, with special reference to the contribution of ancient civilization to modern thought. *Five hours a week, fall and winter quarters.* Professors Bernard, Howe.

(Attention is called to Greek 36, Greek Dramatic Literature.)

16. ORIENTAL LITERATURE. Junior and Senior elective.

The epics, dramas, etc. of the Hindus, Chinese, and other peoples are studied for their revelation of the Oriental outlook on life, and for their contribution to Occidental literature and thought. (Given in 1929-1930 and in alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

40. EUROPEAN REALISTIC NOVEL. Junior and Senior elective.

A survey of the development of realism in continental Europe, with special emphasis upon the French and Russian novelists. Novels will be read in translation, but a reading knowledge of French, though not required, is desirable. *Five hours a week, winter quarter.* Professor Jones.

Courses for Graduates and Advanced Undergraduates

54. THE MIDDLE AGES. Junior, Senior, and Graduate elective. This course alternates with course 57.

A account of mediæval France, England, Germany, Spain, Italy, and Byzantium, from the point of view of civilization and especially art and literature. (Given in 1929-1930 and in alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

57. THE RENAISSANCE. Junior, Senior, and Graduate elective. This course alternates with course 54. It is the same as History 36.

An account of the establishment of modern European culture. Lectures on the history, science, fine arts, literary scholarship, and literature of the Renaissance in Italy, France, Germany, the Netherlands, and England. (Given in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professors Holmes (Chairman), Bernard, Taylor, Thrall, Garrett, Adams, Lyons.

58. CERVANTES AND ENGLISH LITERATURE. Junior, Senior and Graduate elective.

The Romances of Chivalry in Spain; Cervantes' *Don Quixote* and its influence upon the work of Fielding, Smollett, and Sterne. The *Novelas Ejemplares* as a source of plots for Restoration dramatists. *Five hours a week, fall quarter.* Professor Leavitt.

(Attention is called to English 85, Arthurian Romances.)

68. COMPARATIVE DRAMA. Junior, Senior, and Graduate elective.

A general survey of the drama and the theatre from Aeschylus to Ibsen. Special attention is given to the function of the drama in representative plays of the leading European dramatists. *Five hours a week, winter quarter.* Professor Koch.

71. THE MODERN DRAMA. Junior, Senior, and Graduate elective.

A study of representative plays of recent times, beginning with Ibsen. Special attention is given to the function of the drama in interpreting modern thought and changing social conditions. (Given in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Koch.

78. LITERARY CRITICISM. Junior, Senior, and Graduate elective.

The principles which have animated classical, romantic, and realistic literature. (Given in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Foerster.

90. DIRECTED READING. Open only to seniors and graduates who receive permission from the Chairman of the Department. *Equivalent of three hours a week, fall, winter, and spring quarters.*

NOTE. Attention is also called to the following courses: Latin 51 (The Latin Epic), Latin 52 (The Poetry of Ovid), Greek 53 (Plato), Italian 56 (Dante), in all of which the reading is done in translations.

Courses Primarily for Graduates

117. STUDIES IN NINETEENTH CENTURY ROMANTICISM IN ENGLAND.

Wordsworth and Coleridge: the English and Continental aspects of their thought and art. *Five hours a week, fall quarter.* Professor Foerster.

118. STUDIES IN NINETEENTH CENTURY ROMANTICISM IN AMERICA.

Emerson and Whitman: the American and European aspects of their thought and art. (Given in 1930-1931 and in alternate years.) *Five hours a week, winter quarter.* Professor Foerster.

141. Research in a special field under the direction of a member of the department.

DEPARTMENT OF ECONOMICS AND COMMERCE

Professors CARROLL, MURCHISON, PEACOCK, ZIMMERMAN; Associate Professors WOOSLEY, TAYLOR, SCHWENNING, LEAR, *SPRUILL, HEER, HEATH, WOLF; Assistant Professors HARING, GARFIELD, MCPHEETERS, CUTLER, FERGER, EVANS, SPARGER; Teaching Fellow PANGLE; Assistants WADE, ABBOTT, MCNEELY, BOGOLUBOFF, CARROLL.

ECONOMICS

A. RESOURCES AND INDUSTRIES. Prerequisite (in case of Commerce students), Geology 5.

This course occupies a middle ground between geography and economics. Important data of human and economic geography are appraised as to their meaning to the economist. The emphasis in resource analysis, therefore, is on the supply and demand conditions which have a measurable effect on price

* Absent on leave, 1928-1929.

behavior. The close relationship between geographical facts and institutional developments is taken into consideration. The approach is functional rather than descriptive. Attention is focused on wide vistas and deep perspectives rather than on details of technology. In general, an effort is made to place the discussion on a broad basis of human values and world relationships. *Four lecture and two laboratory hours a week, every quarter. Laboratory fee, \$3.50.* Professor Zimmerman.

1-2. GENERAL ECONOMICS. Not open to Freshmen.

This course is planned to give a general understanding of the organization of our economic life and the fundamental principles underlying it. An analysis is made of production, distribution, and consumption; of the elements which determine value and price, with a brief introduction to money, banking and credit, monopoly, business combinations, transportation, labor problems, and economic reform. *Five hours a week, fall and winter, or winter and spring quarters.* Professors Carroll, Woosley, Spruill, Lear, Haring, Wolf, Garfield, Cutler, Ferger, Evans.

1-2-3E. GENERAL ECONOMICS.

For students in Engineering only. This course covers the same subjects as Economics 1-2. *Three hours a week, fall, winter, and spring quarters.* Professor Lear.

5. ECONOMIC HISTORY. Not open to Freshmen.

A survey of the steps by which economic activities have evolved from primitive beginnings into the complicated capitalistic economy of today. Special emphasis on the development of the wage system, the Industrial Revolution, the expansion of markets, the ebb and flow of industrial activity, the relation of industrial development to political policy, as they have manifested themselves in England and in the United States. *Five hours a week, fall or spring quarter.* Professors Spruill, Evans.

7. ECONOMIC STATISTICS.

This course is designed to give a critical understanding of the more important processes of elementary statistical technique used by economists and business men, and found in current discussions of economic matters. Among the topics included are graphic presentation, averages, index numbers, the cyclical analysis of time series, and simple correlation. The laboratory work is designed to give practice in the use of the processes studied, together with an interpretation of the results found. *Three lecture and four laboratory hours a week, every quarter. Laboratory fee, \$2.00.* Professor Ferger.

10-11. PRINCIPLES OF MONEY AND BANKING. Prerequisite, Economics 1-2.

A general study of the principles, functions, and forms of money and credit, followed by analyses of current money and credit problems. The second half of the course is devoted to a study of the theory of commercial banking with particular respect to its application and development in the United States. *Five hours a week, fall and winter or winter and spring quarters.* Professors Murchison, Woosley.

Courses for Graduates and Advanced Undergraduates

12. BUSINESS CYCLES. Prerequisite, Economics 1-2.

A study of the alternating periods of depression and prosperity. The underlying causes of panics and crises. Fluctuations in prices, trade volume, and physical production. *Five hours a week, winter or spring quarter.* Professor Murchison.

13. PUBLIC FINANCE. Prerequisite, Economics 1-2.

A general study of government business covering the principles involved in public revenues and expenditures—local, state, and national; a treatment of the just distribution of public charges and their incidence; and a study of the growth and organization of modern tax systems. *Five hours a week, fall quarter.* Professor Heer.

14. PROBLEMS IN PUBLIC FINANCE. Prerequisite, Economics 13.

An advanced critical study of certain present problems in government finance. *Five hours a week, winter quarter.* Professor Heer.

15. TRANSPORTATION. Prerequisite, Economics 1-2.

A general study, from the historical and critical points of view, of railway transportation in such representative countries as Great Britain, France, Italy, Germany, and the United States; with some consideration of passenger and freight traffic and rates, and the State's relation to railways. *Five hours a week, fall quarter.* Professor Heath.

20. RISK AND RISK-BEARING. Prerequisite, Economics 1-2.

A study of the risk element in modern industry together with the measures which have been devised to meet it. This course should precede the study of insurance. *Five hours a week, fall quarter.* Professor Lear.

24. PRINCIPLES OF MARKETING. Prerequisite, Economics 1-2.

This course sets forth the principles underlying general marketing practice. The assignments relate to marketing facilities and services (such as transportation, warehousing, grading, financing, assembling, and distributing), marketing agencies and organizations, organized exchanges and future trading, and certain problems of competition and price policy. *Five hours a week, winter quarter.* Professor Haring.

26. INTERNATIONAL TRADE: THEORY AND POLICIES. Prerequisite, Economics 1-2.

In this course international trade is viewed from the standpoint of the political economist, emphasizing the social aspects. After an historical study of the past and a critical analysis of the present foreign commerce of the United States and principal commercial rivals, an effort is made to apply to a survey of our foreign markets and of our foreign sources of supply the general principles of economic theory insofar as they pertain to international trade. Following this the payment balances of this country and of other leading countries engaged in world commerce are critically studied. Finally, the most important theories of international trade are reviewed in the light of historical development. *Five hours a week, fall quarter.* Professor Zimmerman.

27. COMMERCIAL POLICY OF MODERN NATIONS. Prerequisite, Economics 26.

After a general survey of international commercial policy up to the close of the Napoleonic Wars, a more detailed comparative study of the commercial policy of the leading nations during the last hundred years is made. The following countries are included: United States, Great Britain, France, Germany, Russia, Italy, Canada, Argentina, and India. Special attention is given to tariff problems, colonial policies, and to imperialism. The present world resources situation and its probable effect on future commercial policy is appraised. (Alternates with Commerce 46; not given 1928-1929.) *Five hours a week, winter quarter.* Professor Zimmerman.

30. AN INTRODUCTION TO THE LABOR PROBLEM. Prerequisite, Economics 1-2.

To the extent that the competitive wage system fails (a) to provide for the laborer an adequate basis for a decent living and (b) to draw from him the services he ought to render to industry, there appears to be a "labor problem." The purpose of this course is to make an analytic survey of the modern labor problem in its major aspects, such as unemployment, low wages, industrial accidents and diseases, overstrain and superannuation, and the status of the worker in industrial society. Trade unionism and the labor movement and intervention by the state in behalf of the worker, social methods of coping with the problems of labor, are also surveyed. *Five hours a week, fall or winter quarter.* Professor Wolf.

31. LABOR AND SOCIAL CONTROL. Prerequisite, Economics 30.

An advanced course in social methods of coping with labor problems. These fall roughly into three classes, (a) self-help on the part of the workers, which embraces trade unionism, labor political activity, and consumers' coöperation; (b) employers' policies, such as welfare work and paternalism, profit-sharing, and company unionism; and (c) intervention by public authority, as through labor legislation, conciliation and arbitration, and judicial limitation of private property rights. Insofar as possible the various topics will be studied in terms of the Southern labor situation. *Five hours a week, spring quarter.* Professor Wolf.

35. TYPES OF BANKING. Prerequisite, Economics 10-11.

A comparative study of specialized types of banking institutions,—their organization, methods, functions, and relationship to the financial organization of society in general. The course will include trust companies, investment banks, commercial paper houses, commercial discount companies, savings banks, and the various classes of agricultural credit banks. (Alternates with Commerce 31 and will be given in 1929-1930.) *Five hours a week, spring quarter.* Professor Murchison.

40. THEORIES OF ECONOMIC REFORM. Prerequisite, Economics 1-2.

A critical analysis of the leading proposals for reform in the present economic system, including Socialism, Bolshevism, Single Tax, and Industrial Democracy. *Five hours a week, fall or spring quarter.* Professor Carroll.

47. ADVANCED COMMODITY ECONOMICS. Prerequisite, Economics A, 1-2.

In this course the demand and supply conditions of a few commodities selected to represent types are studied. The institutional factors affecting these conditions are critically examined with particular reference to price behavior. (Alternates with Commerce 51 and will be given in 1930-1931.) *Five hours a week, spring quarter.* Professor Zimmerman.

54. THEORIES AND FORMS OF BUSINESS ENTERPRISE. Prerequisite, Economics 1-2.

This course deals primarily with the combination movement. But it will treat this problem in its widest aspects: the historical background and the evolution of modern business forms, the theory of business enterprise, the structures and functions of organization, the relation of these questions to social welfare. Pools, trade associations, mergers, trusts, bankers' control, price control, are some of the principal questions which will be considered. *Five hours a week, winter quarter.* Professor Heath.

Courses for Graduates

100abc. ADVANCED ECONOMIC THEORY. Prerequisite, Economics 1-2.

A survey of economic theory from the standpoint of the evolution of modern industrial society. The three courses will not only include a review of the works of the leading economic writers, but will also summarize the principal physical, psychic, and social factors that have shaped economic theory and economic institutions. *Five hours a week, fall, winter, and spring quarters.* Professor Heath.

106abc. SEMINAR IN ECONOMICS. Prerequisites, Economics 1-2, 10-11.

A general introduction to methods of advanced study. Some phase of economic activity in harmony with the interests of the members of the seminar is selected for consideration. Methods of work and content receive equal emphasis. *Two hours a week, fall, winter, and spring quarters.* Professor Murchison (Chairman.)

112. ECONOMIC DYNAMICS.

This course focuses upon the changing nature of the modern economic organization. An effort is made to identify the more important of the dynamic elements, and to evaluate the significance of each in the general process of change. Attention is given to the readjustment processes and problems of particular industries, as well as to general trade, finance, and social well-being. Topics covered would include consumption behavior, income distribution, capital accumulation, money and credit conditions, new developments in marketing, production, transportation. The method of study will be inductive. *Hours arranged, fall, winter, and spring quarters.* Professor Murchison.

NOTE. Registration for this course must be approved by the professor in charge.

114. RESEARCH COURSE IN PUBLIC FINANCE.

The changing forms and distribution of wealth and income together with the expanding conceptions of governmental services make imperative a constant re-examination of fiscal problems. The scope of operations and the magnitude of revenues and expenditures emphasize the importance of administrative efficiency. Critical studies in this field are carried on under the supervision of the professor in charge. *Fall, winter, and spring quarters.* Professor Heer.

NOTE. Registration for this course must be approved by the professor in charge.

126. INTERNATIONAL ECONOMIC RELATIONS.

An increasing share of the economic life of mankind is being lifted out of the sphere of local and national activities, and is being subjected to worldwide influences. This tendency affects not only those business interests of ours directly engaged in foreign trade, but in general reacts upon our political position as a world-power, and materially influences our domestic and economic life.

The aim of this course is to provide graduate students interested in world economics the opportunity of pursuing advanced research along such lines as these: The movement of world prices; international commodity price control; the world food problem; the population question; advancing industrialization and future supply of raw materials; problems of international law affecting economic activities; foreign investments; commercial treaties; colonial policy, etc. *Hours arranged, fall, winter, and spring quarters.* Professor Zimmerman.

NOTE. Registration for this course must be approved by the professor in charge.

130. HUMAN RELATIONS IN INDUSTRY.

This course is a seminar in selected topics in labor economics and aims to provide a limited number of graduate students an opportunity of doing critical and constructive work in this field. In view of the fact that there are grave problems connected with the adjustment of the workers to the new industrial and social order that is being developed in the South Atlantic States the general topic "Labor Problems of the South" was selected for study in the winter quarter of 1928. The course will take this form again if a sufficient number of students are interested. *Fall, winter, or spring quarter, hours arranged.* Professor Wolf.

NOTE. Registration for this course must be approved by the professor in charge.

141. SEMINAR.

Individual research in a special field under direction of a member of the department.

COMMERCE

*(Courses in Commerce count for credit toward the degree
S.B. in Commerce only.)

1. ACCOUNTING: PRINCIPLES. Prerequisite or corequisite, Economics 1-2, Commerce 10.

Lectures with laboratory work. Study of the theory of debit and credit, record making, organization of accounts, and presentation of financial and profit and loss statements. Laboratory exercises in accounting problems and technique. *Four lecture and four laboratory hours a week, every quarter. Laboratory fee, \$3.00.* Professors Peacock, Sparger.

2. ACCOUNTING: PRINCIPLES. Prerequisite, Commerce 1.

Lectures with laboratory work. An approach to accounting problems from the business manager's point of view. It consists of a thorough study of the organization of the accounting department of a business and its relation to the other departments, accounting systems, construction and analysis of accounting statements. The principles of valuation of assets, depreciation, and bonds are also covered. *Four lecture and four laboratory hours a week, fall, winter, or spring quarter. Laboratory fee, \$3.00.* Professors Peacock, Sparger.

3. ADVANCED ACCOUNTING. Prerequisite, Commerce 1-2.

Lectures with laboratory work. Study of accounting problems and forms for special types of business concerns. Accounting for the organization and liquidation of co-partnerships and corporations, for combinations and consolidations, for trustees and receiverships, branch houses, municipalities, and foreign exchange. *Five hours a week, spring quarter. Laboratory fee, \$3.00.* Professor Peacock.

4. ACCOUNTING PRACTICE. Prerequisite, Commerce 1 and prerequisite or corequisite, Commerce 2.

A laboratory course. Bookkeeping systems and records for the various industries prevalent in North Carolina are studied and practice sets for each are prepared. A tentative list will include tobacco manufacturing, furniture manufacturing, cotton goods manufacturing, automobile sale agencies and garages, banks in small cities, and municipalities. *Six hours a week, spring quarter. Laboratory fee, \$3.00.* Professor Peacock.

* Commerce 10-11-12E are offered for students in the School of Engineering only and are open to no others.

5. COST ACCOUNTING. Prerequisite, Commerce 1-2.

Lectures with laboratory work. Methods for collection of data relative to prime costs and a careful analysis of various methods of burden distribution. Application of principles will be made in the laboratory by means of budgets for cost accounting in different classes of enterprise. *Five hours a week, fall quarter. Laboratory fee, \$3.00.* Professor Peacock.

6. AUDITING. Prerequisite, Commerce 1-2.

Lectures and problems. Kinds of audits, system of accounts, methods of conducting audits, and problems in auditing. *Five hours a week, winter quarter. Laboratory fee, \$3.00.* Professor Peacock.

7. INCOME TAX PROCEDURE. Prerequisite, Commerce 1-2.

This course consists of a thorough study of both the Federal and State income tax laws and the problems that arise in the making of the various returns. The preparation of the tax returns and claims for refund will be undertaken as laboratory exercises. *Five hours a week, winter quarter. Laboratory fee, \$2.00.* Professor Sparger.

8. C. P. A. PROBLEMS. Prerequisites, Commerce 1, 2, 3, 5, 6.

This course deals with the questions and problems given by the different states and the American Institute in their C. P. A. examinations. Typical problems are solved, and solutions prepared by the leading accountants of the country are studied. (This course will be given only in case as many as five students register for it.) *Three hours a week, spring quarter.* Professor Peacock.

9. GOVERNMENTAL ACCOUNTING. Prerequisites, Commerce 1, 2, 3, 5.

Lectures and laboratory work. A study of Budgeting Accounting and its application to the various governmental units; the differences between Fund Accounting and Commercial Accounting; methods of collecting data recorded in books of original entry; and the preparation of Financial Statements. A survey will be made of systems for educational institutions, and for state, county, and city governments. Laboratory work will consist of practical problems. Field trips will be taken in order to study the system used by the state of North Carolina, the system prepared by the County Government Advisory Commission for counties, and other available systems. *Five hours a week, spring quarter. Laboratory fee, \$2.50.* Professor Sparger.

10. BUSINESS ORGANIZATION. Prerequisite, Economics 1-2.

The forms of business organization with emphasis on the corporation. The external relations of a business organization and the internal coordination of the factors in production with a view to the establishment of effective control and definite responsibility for results. Special attention will be directed to the various functions to be performed, such as production, finance, personnel, marketing, risk-taking, and records and standards. *Five hours a week, fall or spring quarter.* Professor Schwenning.

11. PRINCIPLES OF INDUSTRIAL MANAGEMENT. Prerequisite, Economics 1-2, Commerce 10.

This course covers the problems involved in the construction, equipment, and administration of a manufacturing enterprise. The unit of study is the factory. The subject matter is treated under four heads: the underlying principles of production, the agencies of production, the control of production operations, and the establishment of production standards. *Five hours a week, winter quarter.* Professor Schwenning.

10-11-12E. BUSINESS ADMINISTRATION FOR STUDENTS IN ENGINEERING. Open to students in the School of Engineering only. Prerequisite, Economics, 1-2-3E.

The elements of business organization with emphasis on the corporation, its nature, its promotion, its financing, and its operation. Internal organization with special reference to methods of control, managerial accounting, cost analysis, financing of current operations, valuation and methods of appraisal, depreciation, sinking funds, and the interpretation of financial statements. The economics of locating and managing industrial plants, the handling of the labor factor through specialized personnel administration, and the relations existing between consumers and producers. *Three hours a week, fall, winter, and spring quarters.* Professor Schwenning.

12. CORPORATION FINANCE. Prerequisite, Economics 1-2, Commerce 1 and 10.

A study of the principles and practice of corporate financing. Among the topics considered are: the methods of raising permanent capital, problems of current financing, the treatment of earnings, and financial problems incident to expansion and reorganization. Specific problems and reports are employed to illustrate and emphasize the principles involved. *Five hours a week, winter quarter.* Professor Woosley.

14. PERSONNEL MANAGEMENT. Prerequisite, Economics 1-2, Commerce 10.

A scientific study of the methods of hiring and handling personnel in the various lines of industry. The supply, selection, training, promotion, transfer, and discharge of employees; the computation and significance of labor turnover; housing, educational and recreational facilities; the functions of a personnel department with reference to efficiency and the maintenance of good will between employees and employers. *Five hours a week, spring quarter.* Professor Schwenning.

16. INDUSTRIAL MANAGEMENT: THEORIES AND PRACTICES. Prerequisite, Economics 1-2, Commerce 10. Open only to selected seniors and graduate students.

A critical examination of the economic, social, and ethical aspects of modern business administration. Current theories of organization and management will be taken up and subjected to careful scientific analysis. Practices will be compared with theories. An attempt will be made to formulate the underlying principles upon which the administration of modern industrial enterprise rests. *Three hours a week, winter quarter.* Professor Schwenning.

20. SALESMANSHIP AND PURCHASING. Prerequisite or corequisite, Economics 1-2.

The course in salesmanship will include a careful analysis of the psychology of selling; the qualifications of a good salesman, and their development; the relative value of suggestion, persuasion, and argument in securing decision; the scientific analysis of a sale—the preapproach, the approach, the demonstration, and the consummation. Typical problems in selling at retail and wholesale and in marketing various types of specialties are presented.

The latter half of the quarter will be devoted to a study of purchasing. The material will be presented in the form of problems which representative business concerns have actually faced. The topics thus treated will include the organization of a Purchasing Department, the duties of a Purchasing Agent, considerations involved in the purchase of raw material, buying from hand to mouth, hedging, turn over, the question of whether or not speculation in raw materials is justifiable, the legal side of contracts, the ethics of purchasing, the problem of cancellations, over-handing, and the relation between the purchasing policy, the turnover, and profits. *Five hours a week, fall or spring quarter. Laboratory fee, \$1.00.* Professor Taylor.

21. SALES MANAGEMENT. Prerequisite, Commerce 20.

This course follows the course in Salesmanship but goes beyond and considers the organization and operation of a sales department. Some of the subjects studied are: the functions of a sales manager; analysis of the goods, the market, and the prospective customers; the planning and management of selling campaigns; sales equipment, records, tests, and relative costs; selecting, training, organizing, supervising, and compensating salesmen. *Five hours a week, winter quarter.* Professor Taylor.

22. ADVERTISING. Prerequisite or corequisite, Economics 1-2.

The course consists of a study of the psychological basis of advertising, the types of advertising and their adaptation to the various lines of business, the relative value of the various advertising media, the mechanism of an advertisement, and methods of testing effectiveness. Attention is also given to the work of planning and executing an advertising campaign and checking up the results. Practical problems are a part of the course. *Five hours a week, fall or spring quarter. Laboratory fee, \$1.00.* Professor Taylor.

23. RETAIL MERCHANDISING. Prerequisite, Economics 1-2.

The retailer is the last step in the system of merchandise distribution. His problems are many and because of his position in the field of business a study of his organization, functions, and methods is important. The preparation and maintenance of stock records, the organization and management of sales forces, and the determination and execution of credit and price policies are subjects which are taken up and discussed. Problems form an important part of this course. *Five hours a week, winter quarter.* Professor Taylor.

26. RESEARCH COURSE IN SALES RELATIONS. Prerequisite, Commerce 20, 22.

Critical studies in selected phases of the selling process; laboratory and seminar methods. The particular problems considered will depend on the interests of the class. *Five hours a week, winter quarter.* Professor Taylor.

31. BANKING PRACTICE AND FOREIGN EXCHANGE. Prerequisite, Economics 10-11.

Organization and management of a commercial bank. Duties and responsibilities of different departments. Bank accounting. Handling of credit instruments, checks, drafts, acceptances, bills of exchange. Critical examination of present methods and standards. The course will also include a study of international banking operations; the credit instruments used in financing trade between nations; the forces determining rates of exchange. (Alternates with Economics 35 and will be given in 1930-1931.) *Five hours a week, spring quarter.* Professor Murchison.

36. INVESTMENTS. Prerequisite, Economics 1-2, Commerce 1-2, 12.

This course is essentially a laboratory study of corporate securities from the standpoint of the investor. Primary emphasis is placed upon the development of technique and standards of investment analysis. Each student is required to make an intensive study of a company engaged in each of the leading fields of corporate activity with the view of making an investment report thereon. *Five hours a week, spring quarter.* Professor Woosley.

38. INSURANCE: LIFE.

A study of the principles and technique of life insurance, including disability, accident, and group insurance. Some attention will also be given to the investment operations of insurance companies. *Five hours a week, winter quarter.* Professor Lear.

39. INSURANCE: FIRE, MARINE, BOND, AND TITLE.

In this course, an effort is made to consider as far as possible the wide range which the insurance function covers and the probable trend of its future development. The topics noted in the title of the course are studied and as many others as time will permit. *Five hours a week, spring quarter.* Professor Lear.

41. MARKETING PRACTICE. Prerequisite, Economics 1-2, 24.

This course covers essential technique in the marketing of specific commodities as well as a development of the principles followed in practice. Each of the more important commodities or groups of commodities is discussed from the marketing standpoint, and the technical marketing operations on organized exchanges and in various types of business organizations are examined. *Five hours a week, spring quarter.* Professor Haring.

46. FOREIGN TRADE PRACTICE. Prerequisite, or corequisite, Economics 24.

This course treats of foreign trade as a business profession and serves to prepare for entrance into the field; emphasis throughout is on practical problems.

Part I. The organization of Foreign Trade: export departments; middlemen and their functions: coöperation.

Part II. Methods: direct versus indirect exporting; export campaigns; sales policies.

Part III. Foreign Market Analysis.

Part IV. Paper work and technical procedure in exporting and importing, including foreign trade financing. *Five hours a week, winter quarter.* Professor Zimmerman.

50. TRAFFIC PROBLEMS. Prerequisite, Economics 15.

A study of current technical problems in the field of transportation and traffic management. (This course will be given only in case as many as five students register for it). *Three hours a week, winter quarter.* Professor Heath.

51. OCEAN SHIPPING. Prerequisite, Economics 1-2.

A study of the elements of water transportation, trade routes, ports and terminal facilities, vessel types, ship operation and management, ocean freight service and rates, marine insurance. The problem of our merchant marine and national policies affecting it are also discussed. (Alternates with Economics 47 and will be given in 1929-1930.) *Three hours a week, spring quarter.* Professor Zimmerman.

60-61. BUSINESS LAW. Prerequisite, Economics 1-2.

The aim of the course is to give the student an understanding of the main principles of law which govern in the daily conduct of business. The topics discussed are: contracts, agencies, negotiable instruments, sales, bailments, corporations, partnerships, and bankruptcy. *Five hours a week, fall and winter quarters.* Professor McPheeters.

62. GOVERNMENT AND BUSINESS. Prerequisite, Economics 1-2, Government 1-2.

A study of the evolution of governmental policy towards business, with a critical examination of current governmental regulation and supervision of industry and trade. Some attention is given to the services which modern governments undertake to render to the business life of their citizens and the agencies developed for this purpose. *Five hours a week, spring quarter.* Professors McPheeters, Cutler.

Courses for Graduates

106abc. SEMINAR IN COMMERCE.

A general introduction to methods of advanced study. Some phase of business activity in harmony with the interests of the members of the seminar is selected for consideration. Methods of work and content receive about equal emphasis. *Fall, winter, and spring quarters.* Professor Murchison (Chairman).

141. SEMINAR.

Individual research in a special field under direction of a member of the department.

DEPARTMENT OF EDUCATION

Professors NOBLE, WALKER, KNIGHT, TRABUE, JORDAN, MOSHER; Associate Professors PRESTON, FARRAR, GIDUZ, MUNCH; Assistant Professors GWYNN, KING, MARKS; Teaching Fellow DRAKE; *In Extension:* Professor MCKEE, Associate Professors TYLER, MORRISON; Assistant Professor BASON; Instructors HICKS, ALLING.

Courses for Undergraduates

1. AN INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. Sophomore course. Required of all prospective high school teachers in the School of Education who do not elect Psychology 1-2.

Education is viewed in this course as a series of changes in individual pupils. The elementary principles of educational psychology will be illustrated and studied briefly through assigned readings, experiments, and discussions. *Five hours a week, every quarter.* Professor Jordan.

4. THE THEORY AND PRACTICE OF EDUCATION. Junior and Senior elective.

A study of the theory and practice of education from the viewpoint of both the teacher and the citizen; the selection of the material of instruction; the development and arrangement of the curriculum for the grammar schools and the high schools. Lectures, textbooks, and assigned readings. *Five hours a week, winter quarter.* Professor Noble.

5. GENERAL INTRODUCTION TO THE STUDY OF EDUCATION.

This course attempts to aid prospective teachers in obtaining a general understanding of the organization, purposes, opportunities, and limitations in the various fields open to teachers. An examination of the history, traditions, and present relationships in public school work will be followed by guidance in self-examination, in order that each student may discover the fields in which he has the largest interest, ability, and probable hope of success. Textbooks, reports on outside readings, class exercises, and individual experiments will be required. *Five hours a week, every quarter.* Professor Mosher.

20. EDUCATIONAL PSYCHOLOGY. Prerequisite, Education 1 or Psychology 1-2. Required of all prospective high school teachers in the School of Education.

To consider critically different topics, such as the original nature of man, heredity versus environment, kinds of learning and factors influencing learning, individual differences, mental hygiene, mental measurement is the purpose of this course. Texts and lectures. *Five hours a week, every quarter.* Professor Jordan.

44. THE SCHOOL AND ITS COMMUNITY.

This course, designed especially for teachers in service, seeks to develop in teachers both the incentive and the methods of acquiring a practical acquaintance with the out-of-school environments of the children in their schools. Community attitudes, conditions, and resources are considered in relation to the problems which are appearing in the school. Local emphasis is maintained through investigations by each student of his own school community. Opportunity is provided for comparisons and for suggestions of better solutions of community-school problems through assigned readings, through class discussions, and through materials contributed by the instructor. *Five hours a week, summer quarter.* Miss Alling.

51. PRINCIPLES OF SECONDARY EDUCATION. Required of all prospective high school teachers in the School of Education. Junior and Senior elective. Prerequisite, Education 1 or Psychology 1-2, Education 20.

A study of the American high school, its evolution, organization, administration, functions, and problems. Special emphasis will be laid on the public high school in North Carolina. This course is designed especially to meet the needs of those students who are looking toward teaching positions and principalships in secondary schools. Textbook, lectures, assigned readings, and reports. *Five hours a week, every quarter.* Professor Walker.

52. GENERAL METHODS IN SECONDARY EDUCATION. Required of all prospective high school teachers in the School of Education. Junior and Senior elective. Prerequisite, Education 1 or Psychology 1-2, Education 20.

This course deals with a general survey of the nature of the secondary school pupil and of the nature of the subject matter taught in secondary schools; a study of the laws of learning which underlie and determine the conduct of the recitation and the management of the class. Considerable attention is given to the types of learning involved in the different high school subjects and economical methods of instruction. Textbooks, lectures, assigned readings, and reports. *Five hours a week, every quarter.* Professor Mosher.

The following courses, 70-86, are open to students in the School of Education only.

70. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL ENGLISH. For Advanced Undergraduates.

This course is designed to give practical preparation for the teaching of English in high schools. It includes consideration of the aims, courses of study, and methods found most effective in the teaching of grammar, composition (oral and written), and the different types of literature to pupils of high school age.

English 1, 3, 4, 5, and four other English courses approved by the instructor are prerequisites. Applicants should be well grounded in the fundamental principles of English grammar, should write and speak well, and should have more than average ability to appreciate literature. *Five hours a week, every quarter.* Professor Farrar.

71. DIRECTED TEACHING OF HIGH SCHOOL ENGLISH. For Advanced Undergraduates.

The purpose of this course is to provide actual practice in teaching high school classes in English under supervision. As preparation for this practice it will include much observation of teaching, considerable study of the material taught, and preparation of lesson plans. It is open only to students who have taken or are taking Education 70. *Five hours a week, every quarter.* Professor Farrar.

72. MATERIALS AND METHODS OF TEACHING FRENCH. For Advanced Undergraduates.

This course is primarily for students majoring in French in the School of Education. French 3, 4, 5, 7, and 14 are required for all who intend to teach French,—either as a major or minor. In addition 3 more French courses are required—these may be elected with the approval of the head of the Department of French in the Training School.

In this course the development of modern language teaching in the United States, and to some extent in Europe, is studied. The reading will cover some of the most important bibliography dealing with the various schools of modern language teaching. There will be discussions and papers. Particular stress will be laid on present day tendencies in this field, more especially on pronunciation and the use of phonetics. Each student will be required to formulate his own plan of study. The various texts available for teaching French will be critically studied and discussed. Reports on outside readings. *Five hours a week, every quarter.* Professor Giduz.

73. DIRECTED TEACHING OF HIGH SCHOOL FRENCH. For Advanced Undergraduates. Prerequisite, Education 72.

Students will for a time observe the teaching in the High School. The work in the class will later be discussed. When the instructor feels that the students have had time to learn the method of procedure sufficiently to be able to do so he will turn the class over to each of them in turn so that they may have the practice of conducting the classes independently. There will be critical reports on the class work and discussions. Each student will be required to work out the daily lesson and make a lesson plan. This course aims to give the students an opportunity to carry out the ideas and principles studied in Education 72. *Five hours a week, every quarter.* Professor Giduz.

74. MATERIALS AND METHODS OF TEACHING THE SOCIAL STUDIES. For Advanced Undergraduates. Prerequisites, to be determined by the instructor.

This course is required of all students in the school of Education who are preparing to teach high school history and the other social studies. The aims, functions, and objectives of the social studies will be carefully analyzed and the history of their place in the American secondary school examined. Such problems as planning and organizing the course, textbooks, and library equipment, maps, pictures, and other visual aids will be considered. Following these will be a discussion of the various methods problems such as the recitation, teaching pupils how to study, the lecture, textbook, topical problem and source methods, written work, and testing results. Textbooks, lectures, discussions, special investigations, and reports. *Five hours a week, every quarter.* Professor King.

75. DIRECTED TEACHING OF THE SOCIAL STUDIES. For Advanced Undergraduates. Prerequisite, Education 74.

In this course the student will at first attend a high school class in history or community civics and observe the methods and technique of conducting the class. After he has observed and prepared the work of the class long enough to become familiar with its operation he will be required to work out a daily lesson plan for each class observed. When, in the judgment of the instructor, the student is sufficiently familiar with the correct methods of procedure, he will be permitted to conduct the class under the personal supervision of the instructor. After each class conducted by the student teacher his work will be discussed and criticised in conference with the supervisor. *Five hours a week, every quarter.* Professor King.

76. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL LATIN. For Advanced Undergraduates. Prerequisites, Latin 1, 2, 3, and 4 (or the equivalent.)

This course is designed primarily for students majoring in Latin in the School of Education, and is required of all who plan to teach high school Latin, whether as a major or minor subject. The history of the teaching of Latin will be discussed along with modern tendencies of instruction in this field. A special study will be made of high school Latin texts, and reports and discussions will emphasize the various methods used in teaching them. Helpful bibliographies will be compiled and examined. *Five hours a week, every quarter.* Professor Gwynn.

77. DIRECTED TEACHING OF HIGH SCHOOL LATIN. For Advanced Undergraduates. Prerequisite, Education 76.

The teaching of Latin in the practice school will be observed closely by students for a time; later the work of the classes observed will be fully discussed. After such intensive observation work, the students will be required to work out individual daily lesson plans for the classes observed. When the instructor believes that the students have had sufficient time to learn the correct method of procedure, he will turn over a class to each one of them to handle independently under his supervision. Critical reports and discussions of the class work of each student teacher will follow. *Five hours a week, every quarter.* Professor Gwynn.

78. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL MATHEMATICS. For Advanced Undergraduates.

A course designed to give those who are preparing to teach mathematics in high school a comprehensive view of the materials of secondary school mathematics and its teaching. It covers briefly the history of mathematics, objectives of secondary school mathematics teaching, materials, methods of instruction, psychology of the subject, mathematics projects, and the mathematics section of the high school library. Reading on these topics and reports will be a feature of the course. *Five hours a week, every quarter.* Professor Munch.

79. DIRECTED TEACHING OF HIGH SCHOOL MATHEMATICS. For Advanced Undergraduates.

This course gives the prospective teacher observation and practice teaching in high school mathematics. The student becomes a regular member of a mathematics class in the Laboratory School. This gives him a thorough mastery of the subject he is to teach. The various phases of the technique of mathematics teaching are discussed with the student with the actual class room work as a background. As soon as he manifests proficiency in the subject and leadership he is given actual teaching experience. *Five hours a week, every quarter.* Professor Munch.

80. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL SCIENCE. For Advanced Undergraduates.

This course will consider the educational preparation of the science teacher, the historical development of secondary school science—its changing aims and organization of materials—as a background for the understanding of present-day aims; the influence of these aims upon selection of subject-matter, methods of organizing and presenting it, and of testing results. Specimen teaching units, selected from the different sciences, will be prepared by students and discussed as to content, method, and use of materials. Lectures, discussions, readings. *Five hours a week, every quarter.* Professor Preston.

81. DIRECTED TEACHING OF HIGH SCHOOL SCIENCE. For Advanced Undergraduates.

The object of this course is to give the student familiarity with the science class-room and laboratory in operation. Entering first as an observer he will gradually be allowed to take over more and more of the work as he is considered qualified to do so. Conferences with the instructor will be an important part of this course. *Five hours a week, every quarter.* Professor Preston.

82P*. MATERIALS AND METHODS OF ELEMENTARY EDUCATION—READING AND STUDY HABITS FOR THE PRIMARY GRADES. This is required of all prospective primary grade teachers in the School of Education.

This course will consider the principles involved in reading, problems in beginning reading, and the various methods of teaching reading, the importance and place of oral and silent reading, word building, and reading tests. Consideration is given to methods involved in developing effective study habits. *Five hours a week, fall quarter.* Professor Marks.

82G*. MATERIALS AND METHODS OF ELEMENTARY EDUCATION—READING AND STUDY HABITS FOR THE GRAMMAR GRADES. This is required of all prospective grammar grade teachers in the School of Education.

The aim of this course is to become acquainted with the materials and methods of teaching reading as a means of extending the experiences of boys and girls, of stimulating good thinking, and of arousing interest in a wide variety of reading activities. The chief aim is to train pupils "to translate the printed work into ideals, thoughts, and actions which make for knowledge and efficiency." *Five hours a week, fall quarter.* Professor Marks.

83X*. MATERIALS AND METHODS OF ELEMENTARY EDUCATION (a) THE SOCIAL SCIENCES; (b) THE NATURAL SCIENCES. This is required of all prospective teachers in the elementary grades in the School of Education.

The first half of this course (Part a) is designed to give a thorough survey of recent experiments and special studies in subject matter and methods in geography, history, and citizenship. Suggestions will be given for utilizing daily activities to develop civic virtues.

The second half of this course (Part b) deals with natural science and health. The general principles controlling the selection of material and its organization for each grade will be presented. The methods of presenting the subject matter will be demonstrated in connection with certain typical material. *Five hours a week, winter quarter.* Professor Marks.

84P*. MATERIALS AND METHODS OF ELEMENTARY EDUCATION (a) ARITHMETIC AND NUMBER PROJECTS FOR THE PRIMARY GRADES; (b) LANGUAGE FOR THE PRIMARY GRADES. The first half of this course (Part a) will emphasize the development of number concept in primary grades. The place of drill; kind and amount of formal arithmetic in these grades; projects and activities as a basis for the formal number work.

The object of the second half (Part b) of this course is to teach self-expression of oral and written language in life-like situations. Projects and other activities are made a basis of this work. The educational value of dramatization will be stressed. *Five hours a week, spring quarter.* Professor Marks.

* NOTE: The letter "P" when used in connection with the number of a course means that the course is intended for teachers of the primary grades; the letter "G," that the course is intended for teachers of the grammar grades; and the letter "X," that the course is intended for teachers of either the primary or the grammar grades.

84G*. MATERIALS AND METHODS OF ELEMENTARY EDUCATION
(a) ARITHMETIC FOR THE GRAMMAR GRADES; (b) LANGUAGE
AND COMPOSITION FOR THE GRAMMAR GRADES.

The first half of this course (Part a) will give a careful study of the investigations revealing the course of mathematical facts which are necessary for all people to acquire, also methods of teaching these facts thoroughly. Special attention is given to the application of arithmetic to different situations. The second half (Part b) aims to study means of speaking effectively and pleasingly. Written language, obtaining good form through genuine use, including composition, writing, and spelling. A study will be made of: (1) Various vocabulary studies; (2) How to encourage pupils to make use of words learned; and (3) How best to measure the results of teaching. *Five hours a week, spring quarter.* Professor Marks.

85X*. DIRECTED TEACHING IN THE ELEMENTARY SCHOOL.
Every quarter.

86X*. DIRECTED TEACHING IN THE ELEMENTARY SCHOOL.
(Continuation of 85X.)
Every quarter.

89X. THE PROBLEM CHILD AND HIS ADJUSTMENT.

The object of this course is to assist the classroom teacher in understanding and dealing with the personality, behavior, and scholarship difficulties of children. It will be based upon the experience of visiting teachers, who have been engaged in the study and adjustment of such problems. Case studies of actual children and of practical school situations will be presented, together with analytical accounts of how satisfactory solutions were developed. *Five hours a week, summer quarter.* Miss Alling.

Courses for Graduates and Advanced Undergraduates

26. PUBLIC SCHOOL EDUCATION IN THE SOUTH.

This course gives an historical survey of public school education in Southern States with especial attention to its development in organization, administration, and supervision since 1876. Present-day questions in rural education are studied in the light of their historical development, and attention is given to the educational reorganization needed for the proper solution of the new rural life problems. Textbook, lectures, investigations, and reports. *Five hours a week, fall or spring quarter.* Professor Knight.

29. HISTORY OF EDUCATION IN NORTH CAROLINA.

The purpose and development of education in North Carolina as seen in the work of public, private, charity, and church schools. A comparative study of public education in North Carolina and other selected typical states of the American Union. Lectures, discussions, and assigned readings. *Five hours a week, fall or spring quarter.* Professor Noble.

31. RURAL EDUCATION.

A course planned to meet the needs of students preparing to become rural school teachers, principals, supervisors, and superintendents. It gives consideration to the organization, administration, and supervision of rural school education in the United States, with especial emphasis on the present conditions in the South. The county as the unit of administration and support, federal aid and a national program for rural educational work, the application

* NOTE: The letter "P" when used in connection with the number of a course means that the course is intended for teachers of the primary grades; the letter "G," that the course is intended for teachers of the grammar grades; and the letter "X," that the course is intended for teachers of either the primary or the grammar grades.

of the principles, agencies, and methods of supervision to the rural school will be studied. Textbooks, lectures, special investigations, and reports. *Five hours a week, winter quarter.* Professor Knight.

36. HISTORICAL FOUNDATIONS OF MODERN EDUCATION.

This course traces the development of some of the more important educational problems of modern times as they have been affected by the social and political facts of history, by the contributions of the leading educational theorists, and by institutional practice. It deals with the growth of national systems of education and especially with the extension of popular education in the United States. Textbooks, lectures, investigations, and reports. *Five hours a week, winter quarter.* Professor Knight.

37. SOCIAL AND EDUCATIONAL HISTORY OF THE UNITED STATES. (History 66).

The social and educational institutions and practices of the United States are traced through: (a) The period of transplanting of European institutions; (b) the period of modifications of institutional life to meet new conditions; and (c) the period of development of a social and an educational system of free common schools, high schools, and higher and technical education in harmony with the political and social ideals and institutions of America. Textbook, lectures, investigations, and reports. *Five hours a week, fall or spring quarter.* Professor Knight.

41. INTRODUCTORY COURSE IN SCHOOL ADMINISTRATION.

This course will consider some of the important problems of school administration, especially as these problems bear on the success of the teacher's work. Students without teaching experience, or teachers without a knowledge of administrative problems, should not register for the more specialized courses in the field of administration until after completing this course. Textbook, observations, and discussions. *Five hours a week, spring quarter.* Professor Trabue.

42. THE ELEMENTARY SCHOOL PRINCIPALSHIP.

This course considers the duties, qualifications, and activities of the principal of an elementary school as administrator. Textbook, assigned readings, and special reports. *Five hours a week, winter quarter.* Professor Trabue.

43. ELEMENTS OF STATISTICAL METHODS. Prerequisite, Education 1, or Psychology 1-2.

The first meetings in this course will consider various methods of collecting data for educational, psychological, social, and economic investigations. The interpretation of data by graphic and mathematical devices will be taught chiefly by examples. Numbering, tabulation, the calculation of averages and variabilities, the transmutation of measures, and simple correlations will be included. Students will be required to plan experiments and statistical investigations for the solution of problems in their own fields of interest. Readings, demonstrations, problems, reports, and critical discussion. *Five hours a week, winter quarter.* Professor Trabue.

46. CLASSROOM MANAGEMENT.

A course for prospective teachers on the organization and direction of activities in the classroom as distinguished from the administration of an entire school. Class routine, lesson planning, conduct of the recitation, and extra-curricular activities will be included. Textbook, special readings, observations, and reports. *Five hours a week, fall quarter.* (Not given in residence, 1928-1929.) Professor Trabue.

48. EVALUATING CLASSROOM INSTRUCTION.

This course is devoted to a consideration of the various methods and devices for securing a satisfactory classification of pupils and for improving instruction offered by teachers. A good course in educational measurements is prerequisite. Textbooks, investigations, reports, and discussions. *Five hours a week.* (Not given in 1928-1929.) Professor Trabue.

55. SOCIAL POLICY AND EDUCATION.

Fundamental problems in the social and ethical theory of education. Lectures, prescribed readings, essays, and reports. This course deals with problems of social progress from the standpoint of education, attempts to define a social policy for education, and discusses the vital educational issues involved in that policy. *Five hours a week, winter quarter.* Professor Walker.

56. SUPERVISION AND MEASUREMENTS IN SECONDARY EDUCATION. Prerequisite, Education 1 or Psychology 1-2.

Standard tests for measuring the results of secondary school instruction will be examined and discussed. An effort will be made to give students some familiarity with the methods and scales. *Five hours a week, fall quarter.* Professor Trabue.

60. CURRICULUM CONSTRUCTION.

The construction and organization of the elementary school curriculum when based upon human needs. Includes consideration of the teacher's function in curriculum construction, objectives of the school subjects, sources of curricular material and criteria for evaluating it, selection and organization of the pupil-activities through which the objectives may be attained. *Five hours a week, fall quarter.* Professors Trabue, Marks.

62. TESTS AND MEASUREMENTS IN ELEMENTARY EDUCATION. Prerequisite, Education 1 or Psychology 1-2.

Methods of measuring and improving the results of instruction in the elementary school. As much use as possible will be made of actual measured results. *Five hours a week, fall quarter.* Professor Trabue.

63. THE PSYCHOLOGY OF ELEMENTARY EDUCATION.

The psychological processes involved in the learning of reading, writing, arithmetic, history, and geography. The application of the laws of learning is made to the arrangement of material within each subject. Students registering for this course should have had Education 1 or Psychology 1-2 and one further course in Education. *Five hours a week, fall quarter.* Professor Trabue.

64. MENTAL MEASUREMENTS. Prerequisite, Education 1 or Psychology 1-2.

A study of mental tests both individual and group. The origin of the tests will be first considered followed by a comparative study of the various types of group and individual tests. There will be ample opportunity offered for the actual administration of the tests and the interpretation of the results. *Five hours a week, spring quarter.* (Not given in 1928-1929.) Professor Jordan.

66. PROJECT ACTIVITIES IN THE ELEMENTARY GRADES.

An attempt will be made in this course to develop criteria by which children's educational activities should be evaluated, the means by which they should be tested, and the principles governing procedures in activity work. In developing the criteria, it will be necessary to weigh carefully (1) the interests, experiences, and needs of children; (2) the conditions under which children like to play and work; (3) the social tendencies, problems, and demands

of modern life; and (4) the conditions under which effective learning occurs. All four of these elements will be studied in relation to the development and social adjustment of individual children.

After the establishment of criteria for evaluating the activities of children, the activities listed in various project curricula and the activities suggested by the members of the class will be examined to determine the degree to which they fulfill the requirements. A critical analysis will also be made of the procedures employed in developing and conducting various types of activities. Required readings, observations, discussions, and special reports. *Five hours a week, summer quarter.* Professor McKee.

67. GUIDANCE AND ADMINISTRATION OF ELEMENTARY SCHOOL PUPILS. (a) Teaching Pupils How to Study. This half of the course will consider the physical and environmental factors that condition effective study; the necessary preliminary preparations by the pupil and by the teacher for study; the improvement of fundamental habits of good study; the development of techniques for discovering the pupils' present habits of study in each subject-matter field; the evaluation of these habits, with remedial suggestions in each case; the development of programs of further effective habits of study in each subject-matter field; and the best methods of supervising the study of pupils.

As a supplement to experiments to be conducted with elementary school pupils, the other subjects being studied by those who register for this course will be used as material for daily practice in correct habits of study.

(b) The Pupil Personnel Program. This half of the course deals with the problems and techniques involved in helping pupils to make satisfactory social and school adjustments, in classifying and promoting pupils, in making records and reports of pupil progress, in developing a helpful program of extra-curricular activities, in dealing with the maladjusted pupil, and in handling disciplinary cases. Particular emphasis will be laid upon those methods of guiding and administering pupils which enable the school to promote the development of desirable individual personality as well as effective group activities. *Five hours a week, summer quarter.* Professor McKee.

90. INVESTIGATIONS IN TEACHING.

The objectives of this course are to stimulate students to identify problems encountered in their teaching, and to teach them those methods of analysis and investigation, and those sources and interpretations of data which are helpful in finding solutions to problems. The course aims to develop in the student the attitudes requisite for intelligent study of teaching problems and the techniques and results of investigations which have been carried on in his field. Open only to teachers and school officials in service, or those who have had experience in teaching. Upon the approval of the instructor the course may be taken more than once *providing* that the student satisfactorily investigates and reports upon new problems. *Five hours a week, summer quarter.* Professor Tyler.

Courses Primarily for Graduates

101abed. PROBLEMS IN SECONDARY EDUCATION.

This course is intended for advanced students and is primarily a course in investigation. To be admitted to it, a student must have pursued other courses in secondary education. Students who have not taken Education 51 may be admitted only with special permission of the instructor. At the beginning of the course each student is required to select some one problem for special investigation. The problem for investigation may be chosen by the student but must be subject to the approval of the instructor both as to field and method. A thesis will be required of each student. Throughout the year regular class discussions will be held on various problems in secondary education and assigned readings will be required. *Four hours a week, fall and winter quarters.* Professor Walker.

103abc. PROBLEMS IN EDUCATIONAL ADMINISTRATION.

A graduate course offering opportunity for intensive study and research on selected problems in the field of educational administration. The problems will be selected by the class each year, making it possible for the student to take this course more than once. Prerequisite, Education 40 and 41 or their equivalent. *Two hours a week, fall, winter, and spring quarters.* Professor Trabue.

104abc. PROBLEMS IN EDUCATIONAL MEASUREMENTS.

Students who wish to specialize in educational measurements may take this course more than once if desired, since the problems considered will differ from year to year. Prerequisite, Education 62 or 56. *Two hours a week, fall, winter, and spring quarters.* Professor Trabue.

106. PROCEDURES IN EDUCATIONAL RESEARCH.

This course, for graduate students only, will be required of all candidates for higher degrees in the fields of educational administration and elementary education. Through the examination of selected examples of published research, members of the class will study the methods and techniques to be used in discovering, defining, and analyzing problems for investigation; in locating, gathering, and interpreting data; and in formulating and testing conclusions. The class will undertake to define outstanding problems needing investigation and will consider the various types of educational research which are applicable to these problems. A limited amount of specialization in fields of special interest to those students who are qualified may be allowed during the latter part of this course. *Five hours a week, summer quarter.* Professor Trabue.

109. PUBLIC SCHOOL SURVEYS.

This course, given by Dean Baker of the University of South Carolina for several summers, was a course in "Educational Classics." It is desired to make this a summary course in educational administration, for those who have had the various specialized courses in this field. The course will use the techniques developed in the more specialized courses in administration, but it will use them in their relationships to each other and to local school situations. *Five hours a week, summer quarter.* Professor Stevens.

110abcd. PROBLEMS IN EDUCATIONAL PSYCHOLOGY.

Prerequisite, Education 1 or Psychology 1-2 and preferably one other course in Educational Psychology.

A graduate course treating intensively of the fundamental facts of educational psychology. This course is designed for those who intend to major in educational psychology and for all those who wish a thorough grounding in the psychological principles of education. *Two hours a week, fall and winter.* Professor Jordan.

126abc. FOUNDATIONS OF EDUCATION IN THE SOUTH.

This is a research course in modern educational practices and institutions and is open only to those advanced students who have had Education 26, or Education 36, or its equivalent. Various educational agencies will be studied through investigations, reports, and conferences. *Two hours a week, fall, winter, and spring quarters.* Professor Knight.

140. SEMINAR IN EDUCATION. Thesis Course.

This is a course of strictly graduate grade in which there will be taken up such work as is necessary for each student in connection with the writing of his degree thesis. It is intended for those students whose graduate major is in Education, but students whose thesis topics are closely related to Education are invited to attend and to take part in the discussions. The class will meet for two hours each week through the year. *Two hours a week.* Professors in the School of Education.

151. PRINCIPLES OF SECONDARY EDUCATION.

A systematic course for graduate students, intended primarily for those who have not had Education 51. This course will embrace a study of the American high school, its evolution, organization, administration, functions, and problems. It is designed primarily for high school principals and graduate students who are looking forward to high school principalships. Textbooks, lectures, readings, and reports. A term paper will be required of each student before credit for the course will be allowed. *Five hours a week, spring quarter.* Professor Walker.

152. PHILOSOPHY OF HIGH SCHOOL TEACHING.

The object of this course is twofold: (a) to develop on the part of the student a sound philosophy of teaching such as will be in accord with the best thought of modern times, and (b) to develop an adequate understanding of current techniques. Students will be expected to acquaint themselves through extensive reading with all conceptions of education, discussions of educational values and statements of aims, purposes, and objectives which have influenced instruction in the secondary school. General methods and techniques of instruction in common use in high schools organized along traditional lines will be contrasted with those in use in the more progressive schools. Students will be expected to compare and evaluate these techniques. Lectures, readings, special investigations, and reports. *Five hours a week, summer quarter.* Professor Mosher.

170. PROBLEMS IN THE TEACHING OF ENGLISH IN SECONDARY SCHOOLS.

A course intended for graduate students who have not had Course 70 or for others who have had some experience in teaching English in high schools. It will include an intensive study of the essential elements involved in the teaching of English and investigations of special problems in this field. At the beginning of the term each student will be required to select a problem for investigation approved by the instructor and to write a term paper embodying the results of his research. *Five hours a week, summer quarter.* Professor Farrar.

178. PROBLEMS IN THE TEACHING OF MATHEMATICS.

This course is designed to meet the needs of advanced students who have taught or are preparing to teach mathematics. The aim is to bring the student in contact with the literature on the subject of the teaching of mathematics through reading and to bring about an understanding of the problems which the teacher of mathematics faces, together with their solution, through lectures and class discussions. Topics discussed are as follows: History of mathematics; Objectives of the teaching of mathematics; The mathematics curriculum; Methods of teaching; The psychology of secondary mathematics; The mathematics section of the school library; The learning process in mathematics; The teacher of mathematics; Meeting the problem of individual differences in the mathematics class room. A term paper will be one of the requirements. *Five hours a week, summer quarter.* Professor Munch.

180. PROBLEMS IN THE TEACHING OF NATURAL SCIENCE IN THE SECONDARY SCHOOLS.

For Graduates. Credit, 1 course. Professor Preston.

DEPARTMENT OF ENGINEERING

Professors BRAUNE, DAGGETT, LEAR, HICKERSON, SAVILLE, HOEFER; Associate Professor BAITY; Assistant Professors SMITH, TRIMBLE; Instructors SMILEY, HOLLETT, FELTNER, STAINBACK; Assistants BOUDREAU, MICHAL, NOE, SLADE, WORTMAN.

Except as noted below (courses Drawing 1-2 and Engineering 16C, 37C, 38C, 50abc, and 70C) courses in Engineering are open to students in Engineering only.

1abc. MECHANICAL DRAWING AND DESCRIPTIVE GEOMETRY.

Lettering and use of drawing instruments. Descriptive geometry, covering fundamental problems of the point, line, and plane and their application to problems of the intersection and development of surfaces. Problems in isometric and perspective projections. *Six laboratory hours a week, fall, winter, and spring quarters.* Credit, $1\frac{1}{2}$ courses. Professor Smith, Messrs. Feltner, Hollett, Slade.

1-2. DRAWING. For students in the Schools of Commerce and Applied Science only.

This course is designed to help the student interpret and read working drawings. It embodies lettering, the use of drawing instruments, the elementary principles of mechanical drawing, and the reading of typical completed drawings. *Four laboratory hours a week, fall and winter quarters.* Credit, $\frac{2}{3}$ course. Professor Smith, Messrs. Feltner, Hollett, Slade.

2a. MECHANISM. Prerequisite, Engineering 1abc. For electrical and mechanical engineering students.

The relative motions of machine parts, including a study of linkages, cams, gears, belts, gear trains and other mechanisms. *One lecture and six laboratory hours a week, fall quarter.* Credit, $\frac{4}{5}$ course. Professor Smith.

2c. DRAWING. Prerequisite, Engineering 1abc and Mathematics 1-2-3E. For civil engineering students.

Map and blue print reading, computing, and estimating. *Three laboratory hours a week, spring quarter.* Credit, $\frac{1}{4}$ course. Professor Smith, Mr. Feltner.

4abc. MECHANICS. Prerequisite, Mathematics 1-2-3E.

The fundamental conceptions of statics including resultants of force systems, equilibrium of force systems, friction, centroids, moments of inertia of areas and bodies. This course correlates with sophomore Mathematics. *Three lecture hours a week, fall, winter, and spring quarters.* Credit, $1\frac{1}{2}$ courses. Professors Hickerson, Saville, Baity, Trimble.

5abc. APPLIED MECHANICS AND STRENGTH OF MATERIALS. Prerequisite, Mathematics 4-5-6E.

Kinematics and kinetics of particles and rigid bodies, including translation, rotation, and plane motion; the principles of work and energy, impulse, and momentum. The fundamental principles governing the strength and behavior of beams, columns, truss members, shafting, and various kinds of riveted connections. *Three lecture hours a week, fall, winter, and spring quarters.* Credit, $1\frac{1}{2}$ courses. Professor Hickerson.

6bc. MATERIALS OF ENGINEERING.

Constitution, physical properties, and tests of the important materials, such as wood, cement, stone, iron, steel, etc., used in engineering construction; metallurgy of iron and steel and the more important alloys. *Two lecture and three laboratory hours a week, winter, and spring quarters.* Laboratory fee, \$4.00 a quarter. Credit, $1\frac{2}{3}$ courses. Professor Trimble, Mr. Hollett.

12ab. GRAPHIC STATICS. Prerequisite, Engineering 4abc.

Graphical determination of stresses in framed structures. *Six laboratory hours a week, fall and winter quarters.* Credit, $\frac{2}{3}$ course. Professor Smith.

14abc. STRUCTURES. Prerequisite, Engineering 5abc.

Graphical and analytical determination of stresses occurring in engineering structures, such as roofs, bridges, retaining walls, etc. The design of simple structures in steel and timber. *Two lecture hours a week, fall, winter, and spring quarters.* Credit, 1 course. Professor Braune.

15abc. ENGINEERING DESIGN.

Application of principles in course 14 to specific problems in the design of roofs, bridges, retaining walls, water towers, and other structures. *Three laboratory hours a week, fall, winter, and spring quarters.* Credit, $\frac{3}{4}$ courses. Professors Braune, Smith.

16c. PLANE TABLE SURVEYING AND MAPPING.

Preparation and interpretation of topographical maps. Lectures and field work. *Four laboratory hours a week, spring quarter.* Laboratory fee, \$2.00. Credit, $\frac{1}{2}$ course. Professor Trimble.

22a. PLANE SURVEYING. Prerequisite, Mathematics 1-2-3E.

Practice in the use and adjustments of tape, level, transit, plane table, etc., supplemented by the solution of field problems. *Two lecture hours and three laboratory hours a week, fall quarter.* Laboratory fee, \$3.00. Credit, $\frac{1}{2}$ course. Professor Trimble, Mr. Hollett.

22c. FIELD WORK IN SURVEYING. Prerequisite, Mathematics 1-2-3E.

An elementary course in the use and adjustments of surveying instruments for students in electrical and mechanical engineering. *Three laboratory hours a week, spring quarter.* Laboratory fee, \$3.00. Credit, $\frac{1}{3}$ course. Professor Trimble, Mr. Hollett.

23s. SUMMER ENGINEERING CAMP. Prerequisite, Engineering 22a.

Instruction in plane, topographic, railway, and highway surveying is given during eight weeks of the summer term following the sophomore year. The course includes the following subjects: I. Chaining; differential, profile, and cross-section leveling; plane-table, transit, and stadia topographic surveys; solar and stellar observations for the determination of meridian and latitude; triangulation including base line measurement; measurement of stream discharge; hydrographic surveying. II. Simple, compound, reversed, spiral, and vertical curves; frogs and turnouts; reconnaissance survey; preliminary survey; paper location; final location; mass diagram and earthwork computation; slope-staking; estimate of quantities and cost. III. Topographical drawing, mapping of traverse and boundary surveys, and other drawings of a similar nature. *Five lecture hours and forty-six laboratory hours a week, summer term.* Laboratory fee, \$10.00. Credit, 4 courses. Professor Trimble.

24abc. REINFORCED CONCRETE STRUCTURES. Prerequisite, Engineering 5abc.

Development of the mathematical principles involved in the design of plane and reinforced concrete beams, slabs, columns, foundations, retaining walls, arches, and girder bridges. *Two lecture hours a week, fall, winter, and spring quarters.* Credit, $1\frac{1}{2}$ courses. Professor Hickerson.

25abc. ENGINEERING DESIGN.

Application of the principles in course 24 to specific problems in the design of reinforced concrete buildings and bridges. *Three laboratory hours a week, fall, winter, and spring quarters.* Credit, $\frac{3}{4}$ course. Professor Hickerson.

32ab. HYDRAULICS. Prerequisite, Mathematics 4-5-6E.

The principles of flow of water through orifices, weirs, tubes, nozzles, pipes, and open channels as applied to measurement of water to hydraulic engineering. The fundamental principles of impulse wheels, reaction turbines, and centrifugal pumps. *Two lecture and three laboratory hours a week, fall and winter quarters. Laboratory fee, \$2.00 a quarter. Credit, 1½ courses.* Professors Saville, Baity.

34abc. HYDRAULIC AND SANITARY ENGINEERING. Prerequisite, Engineering 32bc.

The fundamentals of design, construction, and operation of water supply and sewerage systems as applied to municipalities and rural communities. Attention is given to preliminary studies of rainfall, stream flow, and storage as applied to both water supply and water power. *Three lecture hours a week, fall, winter, and spring quarters. Credit, 1½ courses.* Professors Saville, Baity.

35abc. SANITARY ENGINEERING DESIGN.

Application of principles in course 35 to specific problems in the general layout of simple projects for water works and sewerage. Considerable time is spent in the laboratory performing routine tests of water and sewage. *Three laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$3.00 fall quarter; \$4.00 winter and spring quarters. Credit, ¾ course.* Professors Saville, Baity.

44a. CITY PLANNING.

Growth of cities; street plans; subdivisions; housing; recreation facilities; zoning; transportation terminals; traffic regulations. *Three lecture hours a week, fall quarter. Credit, ½ course.* Professor Trimble.

44b. HIGHWAY ENGINEERING. Prerequisite, Engineering 23s or equivalent experience.

A study of location, construction, and maintenance of the various types of highways; characteristics of road materials; highway administration, legislation, and organization. *Three lecture hours a week, winter quarter. Credit, ½ course.* Professor Trimble.

44c. RAILWAY ENGINEERING. Prerequisite, Engineering 23s, or equivalent experience.

Roadbed construction; ballast; ties and tie-plates; rails; frogs and switches; fences and cattleguards; bridge and trestle floors; track signs, etc. *Three lecture hours a week, spring quarter. Credit, ½ course.* Professor Trimble.

45abc. ENGINEERING DESIGN.

Application of principles in course 44 to specific problems in city planning and the physical testing of road materials. *Three laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$3.00 a quarter. Credit, ¾ course.* Professor Trimble.

50abc. ELECTRICAL MEASUREMENTS. Prerequisite, physics 1-2-3E and Mathematics 4.

A study of the fundamental principles of electric circuits and apparatus. Designed especially for students in Chemistry. The laboratory work will include the methods of electrical measurements used in the chemical laboratory, together with the applications of electrical energy for heating and control. *Three lecture and two laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$5.00 a quarter. Credit, 2¼ courses.* Mr. Smiley.

60abcs. ELEMENTS OF ELECTRICAL ENGINEERING. Prerequisite, Mathematics 4Eabc.

A study of the generation, transmission, control, and utilization of electrical energy, designed especially to meet the needs of students in Civil Engineering. Textbook: Gray's Principles and Practice of Electrical Engineering. *Three lecture and three laboratory hours a week, fall, winter, spring, and summer quarters. Laboratory fee, \$5.00 a quarter. Credit, 3 courses. Mr. Stainback.*

62bcs. ELEMENTS OF ELECTRICAL ENGINEERING. Prerequisite, Mathematics 1-2-3E.

A study of the fundamentals of direct-current generators and motors, followed by the elements of alternating-current circuits in the spring quarter. The laboratory work consists of studies of the operating characteristics of direct-current machines; direct-current measurements; the effect of resistance, inductance, capacity, and frequency in alternating-current circuits. Textbooks: Timbie and Bush. *Two lecture and two laboratory hours a week, winter, spring, and summer quarters. Laboratory fee, \$4.00 a quarter. Credit, 1½ courses. Messrs. Smiley, Griffin.*

63abcs. ELECTRICAL MACHINERY. Prerequisite, Engineering 62bcs and Mathematics 4Eabc.

A thorough study of direct-current machines, followed by the elements of alternating-current circuits and machines, with special attention to the alternator, transformer, and induction motor. Textbooks: Langsdorf and Lawrence I. *Four hours a week, fall, winter, spring, and summer quarters. Credit, 3 courses. Professor Lear.*

64abc. ALTERNATING-CURRENT MACHINERY AND POWER TRANSMISSION. Prerequisite, Engineering 63abcs and Mathematics 4Eabc. A thorough study of the theory of the alternator, transformer, synchronous motor, synchronous converter, induction motor and generator, and the various types of single phase commutator motor; the electrical principles involved in long distance power transmission, with an introduction to the treatment of long lines by means of hyperbolic functions. *Five hours a week, fall, winter, and spring quarters. Credit, 3 courses. Professor Daggett.*

73abcs. JUNIOR ELECTRICAL LABORATORY. Corequisite, Engineering 63abcs.

One laboratory experiment and report a week throughout the year. Performance characteristics of direct-current generators and motors; parallel operation of shunt and compound machines; heat runs; pump-back tests; location of faults. *Three laboratory hours a week, fall, winter, spring, and summer quarters. Laboratory fee, \$5.00 a quarter. Credit, 1 course. Professor Lear, Mr. Smiley.*

74abc. ALTERNATING-CURRENT MACHINERY LABORATORY. Co-requisite, Engineering 64abc.

One experiment and report a week throughout the year. Measurement of alternating-current circuit constants; series and parallel resonance; investigation of e.m.f. and current wave shapes by means of the oscillograph; harmonics in polyphase circuits; regulation, hearing and efficiency tests on the transformer, alternator, synchronous motor and converter, induction motor; operating characteristics of the induction generator, single phase commutator motor, mercury are rectifier. *Six laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$7.00 a quarter. Credit, 1½ courses. Professor Daggett, Mr. Smiley.*

75abc. ELECTRICAL APPLICATIONS LABORATORY. Corequisite, Engineering 85 and 86.

One laboratory experiment and report a week, accompanying the courses in special fields; a considerable portion of the time will be spent in the standardization laboratory in calibration tests on direct-current and alternating-current measurements instrument, magnetic measurements, iron loss, and instrument transformers. *Four laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$3.00 a quarter. Credit, 1 course. Professor Daggett, Mr. Smiley.*

84abc. DYNAMO DESIGN. Corequisite, Engineering 63abc.

Electrical, mechanical, and economic questions involved in the design of electrical machinery; the effect of the design constants on the proportions and operation of machines. Each student will be required to make complete calculations for a d.c. generator or motor, a transformer, and an alternator. Reference book: Gray. *Two lecture and four laboratory hours a week, fall, winter, and spring quarters. Credit, 2 courses. Professor Lear.*

85a. ELECTRIC CIRCUITS. Prerequisite, Engineering 63abc and Mathematics 4Eabc or equivalent.

A mathematical study of the fundamental phenomena in the electric, magnetic, dielectric and thermal circuits, emphasizing the circuital relations common to all. Considerable attention will be devoted to the application of complex quantities to alternating current circuits. *Three hours a week, fall quarter. Credit, $\frac{1}{3}$ course. Professor Daggett.*

85b. ELECTRICAL MEASUREMENTS. Prerequisite, Engineering 85a.

Theory, calibration, and use of instruments for the measurement of current, potential difference, power, and energy; bridge methods of measuring resistance, inductance, and capacitance; instrument transformers; magnetic measurements; dielectric tests; cable testing. Textbook: Laws. *Three hours a week, winter quarter. Credit, $\frac{1}{3}$ course. Professor Daggett.*

85c. COMMUNICATION ENGINEERING. Senior elective.

A study of the fundamentals involved in the transmission of intelligence by telegraph, telephone, and radio; local and central office equipment for manual and machine switching systems; elements of telegraph and telephone transmission; laws of oscillatory circuits; radio transmission; study of the electron tube as detector, amplifier, and oscillator. *Three hours a week, spring quarter. Credit, $\frac{1}{3}$ course. Professor Daggett.*

86a. INDUSTRIAL APPLICATIONS. Prerequisite, Engineering 63abc.

Selection, arrangement, and control of central station equipment; application and control of d.c. and a.c. motors for textile mills, steel mills, machine shops, etc.; industrial heating: electric furnaces; electric welding. *Three hours a week, fall quarter. Credit, $\frac{1}{3}$ course. Professor Lear.*

86b. ILLUMINATING ENGINEERING. Prerequisite, Engineering 63abc.

A study of the physical, physiological, and psychological principles of light and illumination; comparison of light sources; photometry; design of illumination systems for various commercial purposes. *Three hours a week, winter quarter. Credit, $\frac{1}{3}$ course. Professor Lear.*

86c. ELECTRIC RAILWAY ENGINEERING. Senior elective.

Design of electric railway systems; train resistance; speed-time curves; power requirements; motor equipment and control; distribution systems; main-line electrification. *Three hours a week, spring quarter. Credit, $\frac{1}{3}$ course. Professor Lear.*

90abc. STEAM MACHINERY. Prerequisite, Mathematics 4Eabc and Physics 1-2-3E.

A course in the fundamentals of steam-power and power-plant machinery, designed especially for the needs of students in Chemical, Civil, and Electrical Engineering. Textbook: Allen and Bursley. *Three lecture and three laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$5.00 a quarter.* Credit, 3 courses. Professor Hoefer, Mr. Boudreau.

91s. ELEMENTARY MACHINE DESIGN. Prerequisite, Engineering 1abc. Corequisite, Engineering 2a. For Mechanical Engineers.

A study of the elementary parts of machines, including riveted joints, screws, keys, axles, shafts, gearing, belting, springs, and power transmissions. Sizes of parts are calculated both on the basis of the principles of mechanics and on the basis of accepted empirical methods. *Eighteen laboratory hours a week, summer term.* Credit, 1½ courses. Professor Hoefer.

93abc. HEAT POWER ENGINEERING. Prerequisite, Mathematics 4Eabc.

A study of the laws governing the transformation of heat into mechanical energy; properties of gases, and vapors; gas and vapor cycles; power, efficiency, and performance of heat engines; study of steam engines, steam turbines, and gas engines; fuels and combustion; boilers and accessories; gas producers, feed water heaters and purifiers, condensers, compressed air, and refrigeration. Textbook: Hirschfeld and Barnard. *Four lecture and three laboratory hours a week, fall, winter, spring, and summer quarters. Laboratory fee, \$5.00 a quarter.* Credit, 4 courses. Professor Hoefer.

94abc. ADVANCED HEAT POWER ENGINEERING. Prerequisite, Engineering 93abc.

A continuation of Engineering 93abc. An advanced study of power plant equipment, including calculations used in the design and application of such equipment. *Three lecture and four laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$5.00 a quarter.* Credit, 3 courses. Professor Hoefer.

95bc. POWER PLANTS.

A study of load conditions and estimation of power requirements. On the basis of comparative economy of different types of power plant apparatus a choice is made of boilers, turbines, pumps, etc., to meet the demands of the given load. These are properly arranged in a plant layout and a study made of fixed charges and operating costs. *Three lecture and four laboratory hours a week, winter quarter; one lecture and four laboratory hours a week, spring quarter.* Credit, 1½ courses. Professor Hoefer.

96abc. MACHINE DESIGN. Prerequisite, Engineering 2s and 5abc.

A continuation of Engineering 91s. Further study of methods of calculation of form and size, based on load to be carried, of machine parts. The design of a complete machine is carried through, including calculations and preparation of working drawings. *Two lecture and six laboratory hours a week, fall, winter, and spring quarters.* Credit, 3 courses. Professor Hoefer.

Courses for Graduates

100abc. CONTRACTS AND SPECIFICATIONS.

A course covering the laws of contracts, a detailed study of methods of writing correct specifications, the matter of securing or submitting bids, and the subject of bid bonds. Credit, 1½ courses. Professors Braune, Saville.

105abc. ADVANCED STRENGTH OF MATERIALS. Prerequisite, Engineering 5abc.

General theory of flexure, combined stresses, Lamé's theory for thick hollow cylinders, flexure of curved beams; and other theoretical and empirical matter on the general subject of strength of materials that is not treated exhaustively in the undergraduate curriculum of most engineering schools. Credit, $1\frac{1}{2}$ courses. Professor Hickerson.

114abc. ADVANCED STEEL STRUCTURES. Prerequisites, Engineering 14abc and Engineering 24abc.

Secondary stresses and statically indeterminate structures, including steel arches, cantilever, suspension and movable bridges. Credit, $1\frac{1}{2}$ courses. Professors Braune, Hickerson.

124abc. REINFORCED CONCRETE STRUCTURES. Prerequisites, Engineering 14abc and Engineering 24abc.

A study of the theory and design of multiple arch dams, domes, rigidly connected frames, unsymmetrical bridges, etc. Credit, $1\frac{1}{2}$ courses. Professor Hickerson.

130abc. SANITARY ENGINEERING. Prerequisites, Engineering 34abc and Engineering 35abc, or equivalent.

An advanced course in the design and operation of water supply and sewerage systems, and water and sewage purification plants, including preliminary studies, design of piping, pumps and filters, water rates, leakage surveys, financial management, etc. Occasional lectures will be given by practicing engineers and waterworks superintendents. Credit, $1\frac{1}{2}$ courses. Professors Saville, Baity.

131abc. RESEARCH IN HYDRAULIC AND SANITARY ENGINEERING. Prerequisites, Engineering 34abc and 35abc, or equivalent.

For graduate or special students desiring to conduct investigations in hydrology, water or sewage treatment, or stream pollution. *Laboratory fee, \$5.00 a quarter.* Credit, 1 to 3 courses. Professors Saville, Baity.

132a. HYDROLOGY. Prerequisites, Engineering 34abc and Engineering 35abc, or equivalent.

A detailed study of rainfall, stream flow, meteorology, and other factors influencing hydrological investigations. The application of modern statistical methods to such problems is particularly stressed. *Laboratory fee, \$2.00.* Credit, $\frac{1}{2}$ course. This course may be continued for additional credit. Professor Saville.

133abc. SANITARY CHEMISTRY AND BIOLOGY FOR ENGINEERING STUDENTS. Prerequisites, Chemistry 1-2E, Engineering 34abc and Engineering 35abc, or equivalent.

A course designed to give intensive training in the laboratory methods employed in sanitary engineering practice. The work includes microscopical examinations; physical, chemical, and bacteriological determination on water, air, milk, sewage, and industrial wastes; the analysis of sand and gravel for filtration purposes; limnological studies of streams and reservoirs; stream pollution investigations; and the application of laboratory tests to the control of sanitary works. Class and laboratory exercises are supplemented by field work and plant inspections. *Laboratory fee, \$5.00 a quarter.* Credit, 1 to 3 courses. Professor Baity.

134bc. WATER POWER ENGINEERING. Prerequisites, Engineering 132a or equivalent.

The investigation and design of water power developments, including preliminary hydrological studies, investigation of dam foundation, dam design,

characteristics and selection of turbines, etc. A complete report will be prepared, including estimated cost of development, market for power, relation to other power systems and financing. This course may be followed by Engineering 164. *Laboratory fee, \$2.00 a quarter.* Credit, 1 course. Professor Saville.

140abc. RESEARCH IN HIGHWAY ENGINEERING.

Investigation of materials in highway engineering through coöperation with the Highway Commission. This course is open to research fellows only. Fellowships will be awarded to worthy graduate students who can present the proper qualifications. Credit, 1 to 3 courses. Professors Braune, Trimble.

145abc. DETAILED LABORATORY STUDY OF HIGHWAY MATERIALS.

The students will be given problems for investigation that are being constantly suggested in the scientific construction and betterment of highways. Credit, 1 to 3 courses. Professor Trimble.

164a. ELECTRIC TRANSIENTS.

The mathematical theory of the phenomena of the transient state met with in the operation of electric circuits and machines; training in the technique of the oscillograph by the taking of a large number of oscillograms of characteristic transient phenomena. *Laboratory fee, \$10.00.* Credit, 1 course. Professor Daggett.

164b. HYPERBOLIC FUNCTIONS APPLIED TO TRANSMISSION PROBLEMS.

Use of hyperbolic functions of complex variables in the calculation of long distance transmission systems. Power relations in long lines; design of artificial lines. Credit, 1 course. Professor Daggett.

164c. DESIGN OF TRANSMISSION SYSTEMS.

Economic principles involved in the preliminary layout; insulation and lightning protection; sag of conductors; mechanical design of poles and towers. Credit, 1 course. Professor Daggett.

184abc. ELECTRICAL ENGINEERING RESEARCH AND DESIGN.

The solution of one or more definite problems in some particular field of electrical engineering. The work of this course will be outlined, as far as possible, to suit the needs of the individual student, and will consist of original investigations, designs, or the economic study of some existing electric power plant. Credit, 1 to 3 courses. Professors Daggett, Lear.

194abc. ENGINEERING THERMODYNAMICS.

Advanced thermodynamics, with particular reference to application to steam turbine design, internal combustion engines, refrigerating machinery, heat transfer, and heating and ventilating systems. Credit, 1½ courses. Professor Hoefler.

195abc. ADVANCED MECHANICAL ENGINEERING LABORATORY.

Special experimental investigations in heat-power, refrigerating, and heating and ventilating equipment. Credit, 1 to 3 courses. Professor Hoefler.

DEPARTMENT OF ENGLISH

Professors ROYSTER, KOCH, FOERSTER, BOOKER, MCKIE, HIBBARD, TAYLOR, THRALL, JONES; Associate Professors HOWELL, PAINE, MACMILLAN; Assistant Professors POTTER, HEFFNER, McCLAMROCH; Instructors ADAMS, OLSEN, ABBOT, POSEY, SELDEN, SHINE,

BAILEY, WILSON, RANKIN; Teaching Fellows SENSABAUGH, SPIVEY, WALLACE; Assistants MOORE, VANDIVER, HORNER, MADDEN, WITHERS, MCCOY, OLIVE, RUSSELL.

Courses for Undergraduates

1. FRESHMAN ENGLISH. Required of all Freshmen except those in the School of Engineering.

Intensive reading chiefly in prose: extensive reading among selected books in the Library; training in reading through a progressive series of exercises; training in writing through exercises in sentence-revision and through frequent written compositions. Fortnightly conferences. *Five hours a week, every quarter.* Professors Thrall (Chairman), MacMillan, McClamroch, Messrs. Abbot, Moore, Vandiver, Horner.

1a. COMPOSITION.

A prerequisite of English 1 for Freshmen who need additional drill in the mechanics of writing. In the case of Freshmen required to take this course, it will take the place of an elective course. One hour weekly is given to oral English. Intensive and extensive reading. Fortnightly conferences. *Six hours a week, every quarter.* Messrs. Adams (Chairman), Posey, Shine, Wilson, Madden, Withers, McCoy, Sensabaugh, Spivey.

CC. COMPOSITION. Open only to students who have conditions in English composition. No academic credit is given for this course.

A non-credit course designed to provide training and practice in English composition for students to whom "composition conditions" have been assigned. Successful work in this course means the automatic removal of outstanding "composition conditions." *Five hours a week, winter quarter.* Mr. Adams.

3, 4, 5. ENGLISH LITERATURE. Prerequisite, English 1.

Works representative of the different forms of literary expression prevailing from the time of Chaucer to the present are studied. English 3 consists of poetry; English 4, of prose fiction and the essay; English 5, of the drama. In all courses at least four hours a week extensive reading along lines suggested by the instructor are required; in all, considerable emphasis is placed on composition. All Sophomores (except those in Engineering) are required to take two of these courses. The student may choose his two required courses; the third course may be counted as a Sophomore elective. *Five hours a week, every quarter.* Professors Potter (Chairman), Foerster, Booker, Hibbard, Thrall, McKie, Taylor, Paine, MacMillan, Heffner, Messrs. Adams, McClamroch, Posey, Shine.

6. COMPOSITION. Sophomore elective. Open also to a small number of freshmen who have passed English 1 with a minimum grade of C.

Practice in expository writing; readings chosen from literature that is not normally studied in English 3-4-5. *Five hours a week, spring quarter.* Professor MacMillan.

The following courses, 9ab, 10, 11abc, and 12abc, are offered by the Department of English especially for students in the School of Engineering. They are not open to other students.

9ab. COMPOSITION FOR ENGINEERS: INTRODUCTORY COURSE.

Three hours a week and weekly conferences, through two quarters. Mr. Bailey (Chairman), Messrs. Rankin, Wallace.

10. PUBLIC SPEAKING FOR ENGINEERS.

Three hours a week, through one quarter. Professor McKie.

11abc. ADVANCED TECHNICAL COMPOSITION.

Four hours a week, fall, winter, and spring quarters. Professor Howell.

12abc. LITERATURE FOR ENGINEERS.

One hour a week, fall, winter, and spring quarters. Professor Howell.

13-14-15. DRAMATIC INTERPRETATION. Sophomore, Junior, and Senior elective.

A course in the study of drama from the standpoint of oral interpretation. In the fall quarter the material will be drawn from the drama before Shakespeare, in the winter quarter, Shakespeare through Sheridan, in the spring quarter, Ibsen to the present time. *Three hours a week, fall, winter, and spring quarters.* Professor McKie.

16-17-18. PUBLIC DISCUSSION AND DISCOURSE. Sophomore, Junior, and Senior elective.

A general course in public speaking. Special emphasis is given in the fall quarter to the recurring questions in government, economics, and sociology; in the winter quarter to analysis, brief making, and debating; in the spring quarter to various types of public addresses. *Three hours a week, fall, winter, and spring quarters.* Mr. Olsen.

20. BUSINESS CORRESPONDENCE. Sophomore, Junior, and Senior elective.

Especially designed for students in the School of Commerce. Registration only with permission of the instructor. *Five hours a week, each quarter.* Professor Potter, Mr. Posey.

21. ADVANCED COMPOSITION: EXPOSITION. Junior and Senior elective.

A course in expository writing for students desiring practice in organization of material. *Five hours a week, fall quarter.* Professor Howell.

22. ADVANCED COMPOSITION: ESSAY AND VERSE WRITING. Junior and Senior elective.

Five hours a week, spring quarter. Professor Jones.

23. ADVANCED COMPOSITION: THE SHORT STORY. Junior and Senior elective.

Five hours a week, winter quarter. Professor Potter.

Registration in English 21, 22, 23 is limited. Before registering for these courses, students must secure the permission of the instructors.

31. PLAY WRITING.

A practical course in playwriting. Emphasis is placed on the materials of local tradition and of present day life in North Carolina. Students from other sections are expected to make use of the materials of their own experience and observation. Plays written in the course are selected for production by The Carolina Playmakers. *Five hours a week, fall quarter.* Professor Koch.

32. PLAY WRITING.

A consideration of the elements of play construction and practice in the one act-form. *Five hours a week, winter quarter.* Professor Koch.

33. PLAY WRITING.

Practice in writing the full length play with demonstrations of plays written in the course. *Five hours a week, spring quarter.* Professor Koch.

The following three courses, English 34, 35, 36, are introductory courses in the theory and practice of the theatre designed for students participating in the work of The Carolina Playmakers.

34. ACTING.

Training in the technique of acting. *Three hours lecture and four hours practical work a week, fall quarter. Fee for materials, \$2.00.* Professor Heffner, Mr. Selden.

35. PRODUCTION.

The theory and practice of play directing. *Three hours lecture and four hours practical work a week, winter quarter. Fee for materials, \$2.00.* Professor Heffner, Mr. Selden.

36. THEATRE ARTS.

The essential arts involved in the producing of plays. *Three hours lecture and four hours practical work a week, spring quarter. Fee for materials, \$2.00.* Professor Heffner, Mr. Selden.

37. SHAKESPEARE: THE COMEDIES. Sophomore, Junior, and Senior elective.

A study of Shakespeare's contribution to comedy. There is a consideration of Elizabethan conditions, the technique of the theatre, and the art of the playwright, and a comparison of Shakespeare's practice in comedy with the classical and other forms. (Given in 1929-1930 and in alternate years.) *Five hours a week, fall quarter.* Professor Koch.

38. SHAKESPEARE: THE TRAGEDIES. Sophomore, Junior, and Senior elective.

This course is complementary to English 37. It is a study of Shakespeare's contribution to tragedy and a consideration of his conception of tragedy as compared with the classical and modern types. (Given in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Koch.

50abc. READING COURSE.

Strongly recommended for undergraduates majoring in English who desire to prepare for their comprehensive examination. This course may be elected in any quarter, but credit is not given until the completion of two quarters' work. Open also to students not majoring in English who desire to read in the field of their literary interest. *Equivalent of three hours a week, fall, winter, and spring quarters.* Professor Jones.

55. VICTORIAN LITERATURE, I. Junior and Senior elective.

The aims of this course and the one that follows it (56) are to understand the best known and the most representative works of the chief Victorian writers, to appreciate their literary qualities, and to relate them to their time and to ours. The writers studied in English 55 are Carlyle, Tennyson, Browning, Arnold, Dickens, and Thackeray. *Five hours a week, fall quarter.* Professor Booker.

56. VICTORIAN LITERATURE, II. Junior and Senior elective.

(For description, see 55 above.) The writers studied in this course are Ruskin, Rossetti, Morris, Swinburne, George Eliot, Charlotte Brontë, and George Meredith. *Five hours a week, winter quarter.* Professor Booker.

59. AMERICAN LITERATURE. Junior and Senior elective. Open to Sophomores who have completed the required courses in English.

A survey of American literature from Poe and Emerson to Whitman. *Five hours a week, winter quarter.* Professor Hibbard.

60. AMERICAN LITERATURE. Junior and Senior elective. Open to Sophomores who have completed the required courses in English.

A survey of American literature from Whitman to the present. *Five hours a week, spring quarter.* Professor Hibbard.

66. THE NINETEENTH CENTURY NOVEL. Sophomore, Junior, and Senior elective.

The development of the English novel during the nineteenth century. *Five hours a week, fall quarter.* Professor Jones.

67. RECENT ENGLISH LITERATURE. Junior and Senior elective.

The primary object of this course is to follow certain main currents of modern thought in the more significant literature of the three decades preceding 1914. The authors with whom the course is chiefly concerned are Hardy, Stevenson, Kipling, Arnold Bennett, Conrad, and Shaw. *Five hours a week, winter quarter.* Professor Booker.

72. THE CONTEMPORARY NOVEL. Junior and Senior elective.

Five hours a week, spring quarter. Professor Potter.

Courses for Graduates and Advanced Undergraduates

40. ENGLISH LITERATURE OF THE RENAISSANCE.

A survey of the literature of the Elizabethan and Jacobean periods, exclusive of the drama. The poetry of the period, particularly that of Edmund Spenser, is stressed. *Five hours a week, fall quarter.* Professor Thrall.

43. THE ELIZABETHAN DRAMA.

A study of English drama from the beginnings to about the year 1600. Open only to students who have had one of the following: English 37, 38, 40, 42, or an equivalent course. (Given in 1929-1930 and in alternate years.) *Five hours a week, fall quarter.* Professor Taylor.

44. THE ELIZABETHAN DRAMA.

A study of English drama from 1600 to 1642. Open only to students who have had one of the following: English 37, 38, 40, 42, or an equivalent course. (Given in 1929-1930 and in alternate years.) *Five hours a week, winter quarter.* Professor Taylor.

45. MILTON.

The works of Milton are studied in the light of the life, times, and culture of the poet, with some consideration of the problems involved in such a study. (Given in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Taylor.

46ab. SHAKESPEARE: HISTORICAL AND CRITICAL PROBLEMS.

The works of Shakespeare are studied with emphasis upon the historical and critical problems which they present. Open to those students who have had one of the following courses or an equivalent course: English 37, 38, 40, 42, 43, 44. (Given in 1930-1931 and in alternate years. See English 43, 44.) *Five hours a week, fall and winter quarters.* Professor Taylor.

47. ENGLISH LITERATURE, 1616-1700.

The non-dramatic literature of the period. (Given in 1929-1930 and in alternate years. See English 75.) *Five hours a week, fall quarter.* Professor Howell.

48. ENGLISH LITERATURE, 1700-1780.

The non-dramatic literature of the period. (Given in 1929-1930 and in alternate years. See English 113.) *Five hours a week, winter quarter.* Professors Jones, MacMillan.

51. ENGLISH LITERATURE, 1780-1830.

A survey of English literature of the romantic period with especial attention to the greater poets. *Five hours a week, spring quarter.* Professor Jones.

63. AMERICAN LITERATURE, 1870-1900.

(Given in 1929-1930 and in alternate years.) *Five hours a week, winter quarter.* Professors Jones, Paine.

64. THE ROMANTIC MOVEMENT IN AMERICAN LITERATURE.

(Given in 1930-1931 and in alternate years.) *Five hours a week, winter quarter.* Professors Foerster, Paine.

65. EARLY AMERICAN LITERATURE.

A survey of the literature of the colonial, revolutionary, and earlier national periods before Poe. *Five hours a week, fall quarter.* Professor Paine.

68. COMPARATIVE DRAMA.

A general survey of the drama and the theatre from Aeschylus to Ibsen. The development of dramatic literature is studied through representative plays (in translation) of the leading European dramatists. *Five hours a week, winter quarter.* Professor Koch. (The course is the same as Comparative Literature 68.)

69. NINETEENTH CENTURY DRAMA.

A study of representative English plays in the nineteenth century. Particular attention is paid to the Celtic Renaissance. Consideration is given to the beginnings of a new folk drama in America. (Given in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Koch.

71. MODERN DRAMA.

A study of representative plays of recent times, beginning with Ibsen. Special attention is given to the function of the drama in interpreting modern thought and changing social conditions. (Given in 1929-1930 and in alternate years.) *Five hours a week, spring quarter.* Professor Koch. (The course is the same as Comparative Literature 71.)

75. RESTORATION AND EIGHTEENTH-CENTURY DRAMA.

A study of the drama from 1660 to 1800. (Given in 1930-1931 and in alternate years. See English 47.) *Five hours a week, fall quarter.* Professors Jones, MacMillan.

78. LITERARY CRITICISM.

The principles that have animated classical, romantic, and realistic literature. *Five hours a week, spring quarter.* Professor Foerster. (The course is the same as Comparative Literature 78.)

81. OLD ENGLISH: INTRODUCTORY COURSE.

A study of Old English grammar and syntax. A considerable amount of Old English prose is read. *Five hours a week, winter quarter.* Professor Royster.

83. MIDDLE ENGLISH: CHAUCER.

Previous training in Old or Middle English, not a fixed prerequisite. The work of the course will consist chiefly of a reading and discussion of Chaucer's works, with some consideration of Chaucer's language. (Given in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Royster.

85. MEDIEVAL ROMANCE IN ENGLISH.

A survey of medieval romance and romance materials in English literature, with particular attention to the Arthurian tradition. *Five hours a week, spring quarter.* Professor Thrall.

Courses Primarily for Graduates

101. STUDIES IN OLD ENGLISH LITERATURE: BEOWULF. Pre-requisite, English 81.

(Given in 1930-1931 and in alternate years.) *Five hours a week, fall or spring quarter.* Professor Royster.

102. STUDIES IN MIDDLE ENGLISH LITERATURE.

The main purpose of the course is to acquaint the student with the social, political, and religious background of medieval England. A fuller study will be made of the historical and philological relations of Middle English than in English 83. (Given in 1929-1930 and in alternate years.) *Five hours a week, winter quarter.* Professor Royster.

105. MIDDLE IRISH.

This course is the same as Celtic 105. (See Department of Romance Languages.) (Given in 1929-1930 and in alternate years.) *Five hours a week, winter quarter.* Professor Holmes.

110. SEMINAR: STUDIES IN ELIZABETHAN LITERATURE.

Research in special problems in Elizabethan literature, with special emphasis on Shakespeare during one quarter. Open to those who have had one of the following courses or an equivalent: English 40, 42. (Given in 1929-1930 and in alternate years.) *Five hours a week, spring quarter.* Professor Taylor.

112. SEMINAR: STUDIES IN SEVENTEENTH CENTURY LITERATURE.

Research in special problems in the literature and thought of the seventeenth century. Open to those who have had one or more of the following courses or an equivalent: English 40, 42, 45. (Given in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Howell.

113. SEMINAR: STUDIES IN EIGHTEENTH-CENTURY LITERATURE.

Special problems in the literary and intellectual movements of the eighteenth century. Open only to students who have had English 47, 48, 75, or an equivalent course. (Given in 1930-1931 and in alternate years. See English 48.) *Five hours a week, winter quarter.* Professor Jones.

117. SEMINAR: STUDIES IN NINETEENTH CENTURY ROMANTICISM IN ENGLAND.

Wordsworth and Coleridge: the English and Continental aspects of their thought and art. *Five hours a week, fall quarter.* Professor Foerster. (The course is the same as Comparative Literature 117.)

118. SEMINAR: STUDIES IN NINETEENTH CENTURY ROMANTICISM IN AMERICA.

Five hours a week, winter quarter. Professor Foerster. (This course is the same as Comparative Literature 118.)

120ab. SEMINAR: STUDIES IN VICTORIAN LITERATURE.

Research in special problems in the works of Carlyle, Tennyson, and Browning. These writers are studied in successive years. 1929-1930: Browning. Open to those who have had English 55 or the equivalent. *Five hours a week, winter and spring quarters.* Professor Booker.

125. PLAY WRITING, ADVANCED COURSE.

A practical course in playwriting with a study of the development of dramatic theory. Emphasis is placed on the native tradition and present-day life with which the student is familiar. The Carolina Playmakers furnish a working laboratory in production for the plays written in the course. *Five hours a week, fall quarter.* Professor Koch.

126. PLAY WRITING, ADVANCED COURSE.

The principles of dramatic construction and practice in writing one-act plays. *Five hours a week, winter quarter.* Professor Koch.

127. PLAY WRITING, ADVANCED COURSE. Practice in writing the full length play with demonstrations of plays written in the course. *Five hours a week, spring quarter.* Professor Koch.

131ab. SEMINAR: METHODS.

The principles and methods of the study of English with a series of simple problems in bibliography and literary history. Required of all candidates for the A.M. and Ph.D. degrees. *Three hours a week, fall and winter quarters.* Professor Royster.

140. SPECIAL READINGS.

Reading in a special field under the direction of a member of the department.

141. SPECIAL RESEARCH.

Research in a special field under the direction of a member of the department.

Attention is called to the courses in philology and advanced literary study offered in the departments of Classics (Latin 30, Mediæval Latin; Latin 104, Latin Epigraphy; Latin 105, Latin Paleography), Comparative Literature, Germanic Languages (German 111, Introduction to Comparative Philology: German 101, Gothic, etc.), and Romance Languages (French 121-122-123, Old French; French 125, Provençal; Spanish 121-122, Early Spanish; Italian 12, 13, Dante; etc.)

DEPARTMENT OF GEOLOGY

Professors COBB, PROUTY; Associate Professor SWARTZ; Assistant Professors MACCARTHY, BYNUM; Teaching Fellow MARTIN; Assistants MCGLAMERY, STOKES, KESLER, BROWN, KURALT, SLAVENS, PERKINS.

Courses for Undergraduates

1-2. INTRODUCTION TO GEOLOGY.

Lectures with laboratory and field work; laboratory work in the first quarter on common minerals and rocks, and map interpretation; in the second quarter on geological folios and the more common fossils. The first quarter deals with physical geology, with physiographic processes and their results; the second quarter is a study of the outlines of historical geology. *Four lecture and four laboratory hours a week, fall and winter quarters. Geology 1 repeated in spring quarter. Laboratory fee, \$3.00 a quarter.* Professors Cobb, Prouty, Swartz, MacCarthy, and Assistants.

3-4. MINERALOGY. Junior and Senior elective. Prerequisite, Geology 1-2, Chemistry 1-2.

Crystallography, physical and chemical properties of minerals, blow-pipe analysis; lectures, laboratory work, and field work. *Two lecture and six laboratory hours a week, fall and winter quarters. Laboratory fee, \$5.00 a quarter.* Professor MacCarthy.

5. INDUSTRIAL AND COMMERCIAL GEOGRAPHY. Required of Freshmen in the School of Commerce. Not open to others.

Lectures and laboratory work. The first part of the course deals briefly with weather and climate, origin and nature of soils, and the chief natural divisions of the world. *Five hours a week, every quarter. Materials fee, \$3.50.* Professor Bynum.

8. METEOROLOGY.

A study of the atmosphere and the factors controlling the weather; the making and interpretation of weather maps; weather forecasting. *Five hours lectures and equivalent laboratory a week, winter quarter. Laboratory fee, \$2.50.* Professor MacCarthy.

21-22. INDUSTRIAL AND COMMERCIAL GEOGRAPHY. Senior elective.

Lectures, library work, and laboratory work. The course deals with man's interaction with his varying environments in the development of industries, and with the geographic conditions of different countries as giving rise to commerce. *Five hours a week, fall and winter quarters. Laboratory fee, \$2.50 a quarter.* Professor Cobb and Assistant.

23. HUMAN GEOGRAPHY. Senior elective.

The course consists of the principles studied in Geology 21-22 in their application to some one of the continents. In 1927 Europe was studied; in 1928 the course dealt with Asia. *Five hours a week, spring quarter. Laboratory fee, \$2.50.* Professor Cobb and Assistant.

26. ADVANCED WORK IN PHYSIOGRAPHY. Prerequisite, Geology 1-2. Junior and Senior elective.

Lectures, field work, and laboratory work, dealing in detail with physiographic processes and their results; geomorphology. An extended field study is required in this course. *Three hours a week, lectures and laboratory, spring quarter. Laboratory fee, \$2.00.* Professor Cobb.

27. PRINCIPLES OF GEOLOGY. Junior and Senior elective. Prerequisite, Geology 1-2.

Principles of Geology, including History of Geological Science; lectures, field work, and library work, with reports, including a report on the surficial geology of a selected area at a distance from Chapel Hill. *Five hours a week, lectures and laboratory, fall quarter. Laboratory fee, \$3.00.* Professor Cobb and Assistant.

29. PALEONTOLOGY. Prerequisite, Geology 1-2.

Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, \$3.50. Professor MacCarthy.

Courses for Graduates and Advanced Undergraduates

11-12. ECONOMY GEOLOGY. Prerequisite, Geology 1-2, 3-4, Chemistry 1-2.

Lectures, laboratory work, and reports. During the fall quarter the non-metallic minerals will be studied. The metallic minerals will be considered in the winter quarters. *Five hours a week, lectures and laboratory, fall and winter quarters. Laboratory fee, \$3.50 a quarter.* Professor Prouty.

13. PETROLOGY. Prerequisite, Geology 1-2, 3-4, Chemistry 1-2.

Laboratory work on rocks; a study of the origin, classification, and distribution of rocks. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, \$3.50.* Professor Prouty and Assistant.

14. PETROGRAPHY. Prerequisite, Geology 1-2, 3-4, Chemistry, 1-2.

Lectures, laboratory work on the microscopic physiography of the rock forming minerals; optical mineralogy and the theory of light as applied to the polarizing microscope; minerals as observed in thin rock sections. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, \$3.50.* Professor Prouty.

15-16. STRUCTURAL AND FIELD GEOLOGY. Prerequisite, Geology 1-2.

Lectures, with laboratory, field work, problems, and conferences. The first quarter deals with structural geology and map interpretation; the second quarter with geological note taking, surveying, map making, and field practice. *Five hours a week, lectures and laboratory, winter and spring quarters. Laboratory fee, \$3.50 a quarter.* Professor Prouty and Assistants.

17. OIL GEOLOGY. Prerequisite, Geology 15-16.

Lectures, laboratory work, and reports. A study of the origin, distribution, and accumulation of petroleum, with special relation to the oil fields of North America; methods of prospecting for oil, recovery of oil, the valuation of oil properties. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, \$3.50.* Professor Prouty.

18-19-20. ENGINEERING GEOLOGY. For students in Engineering.

Three hours a week, lectures and laboratory, fall, winter, and spring quarters. Laboratory fee, \$3.50 a quarter. Professor Prouty.

24-25. ORIGIN AND NATURE OF SOILS. Prerequisite, Geology 1-2, 3-4, Chemistry 1-2.

Lectures, field work, laboratory work, and theses. The course is given primarily for men who wish to enter the State or Federal Soil Surveys or to engage in farming. Students in this course are expected to keep Saturday open for field work. *Five hours a week, lectures and laboratory, winter and spring quarters. Laboratory fee, \$2.50 a quarter.* Professor Cobb and Assistants.

51-52-53. ADVANCED FIELD WORK AND SPECIAL RESEARCH IN GEOLOGY AND GEOGRAPHY.

Problems and work adapted to the special needs of the student. For graduates and for specially prepared seniors. Students in this course are expected to keep Saturday open for field work. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Five hours a week, fall, winter, and spring quarters.* Professors Cobb, Prouty, Swartz, MacCarthy, and Assistants.

61. ADVANCED CRYSTALLOGRAPHY.

This course includes a detailed consideration of the nature of crystals and crystalline substances, the use of both contact and reflecting goniometer, and crystal drawing. Open to students who have had Chemistry 1-2 and Geology 3-4. *Five hours a week, lectures and laboratory, spring quarter. Laboratory fee, \$3.50.* Professor MacCarthy.

71-72-73. ADVANCED PALEONTOLOGY.

A study of the classification and generic and specific determination of the invertebrata, chiefly fossil. *Five hours a week, lectures and laboratory, fall, winter, and spring quarters. Laboratory fee, \$3.50 a quarter.* Professor Swartz.

74-75-76. ADVANCED PALEONTOLOGY.

A study of the anatomy, classification, and generic and specific determination of the higher invertebrata, chiefly fossil. (Given in 1928-1929, and in alternate years.) *Five hours a week, lectures and laboratory, fall, winter, and spring quarters. Laboratory fee, \$3.50 a quarter.* Professor Swartz.

81-82-83. ADVANCED HISTORICAL GEOLOGY. Prerequisite, Geology 1-2.

A study of the principles of historical geology and stratigraphy, the history of stratigraphic geology, the origin of the earth, and the geography, life, and geologic events of the Archaeozoic, Proterozoic, and Paleozoic eras of the earth's history. *Five hours a week, fall, winter, and spring quarters.* Professor Swartz.

91-92. SUMMER FIELD COURSE IN GEOLOGY. Prerequisite, Geology 1-2.

A six weeks course to be given in North Carolina and bordering states. In this course economic, structural, and stratigraphic geology and geological mapping will be emphasized. For details of course consult Bulletin of Geology Courses, The University of North Carolina. This course will coincide with the scheduled six weeks summer school course. *Equivalent of five hours a week for two quarters.* Professors Cobb, Prouty, Swartz, MacCarthy, and Assistant.

93-94. SUMMER FIELD COURSE IN GEOLOGY.

This course is similar to 91-92 but is to be given in alternate years with 91-92 and in a different type of geological area.

Courses for Graduates

104-105-106. SPECIAL RESEARCH IN GEOLOGY AND GEOGRAPHY. The student is expected to devote six weeks to work in the field, accompanied by the instructor, and to work up his results during the first quarter of the college year. The entire research constitutes three courses. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Equivalent of five hours a week, fall, winter, and spring quarters.* Professors Cobb, Prouty, Swartz, MacCarthy.

107-108-109. SPECIAL RESEARCH.

Special Research in economic geology, in historical geology, in paleontology, petrology and petrography, and in geography, two quarters of which must be taken as a seminar course. These courses may be continued under the same numbers for more than one year as the subject advances, credit being given for each repetition. *Equivalent of five hours a week, fall, winter, and spring quarters.*

The Geological Seminar meets weekly for the review and discussion of current geological literature, and for the presentation of original papers.

DEPARTMENT OF GERMANIC LANGUAGES

Professors TOY, BROWN; Associate Professor METZENTHIN; Instructors MATTHEWS, BELL.

Courses for Undergraduates

1-2. ELEMENTARY COURSE.

Grammar: written and oral exercises; translation; sight reading. This course may be counted for credit toward the A.B. degree provided it is followed by German 3-4 and 21 or 22 or 25. It may be counted for credit as an elective by students who have selected for their language requirements two other foreign languages. *Five hours a week, every quarter.* Professor Metzenthin, Messrs. Matthews, Bell.

3-4. INTERMEDIATE COURSE. Freshman and Sophomore elective. Prerequisite, German 1-2 or the equivalent.

Translation, sight reading, composition, grammar, oral exercises. One section of German 4 will be offered for those who are especially interested in science, provided the teaching force of the department is not already fully occupied. *Five hours a week, every quarter.* Professors Brown, Metzenthin, Messrs. Matthews, Bell.

11. *INTERMEDIATE COURSE. Junior and Senior elective. Prerequisite, German 3-4.

Practice in writing and speaking German. *Five hours a week, spring quarter.* Professor Brown.

21. INTRODUCTION TO GERMAN LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, German 3-4.

Lessing: *Minna von Barnhelm*; Schiller: *Die Jungfrau von Orleans*. Lectures. Outside reading. *Five hours a week, fall or winter quarter.* Professor Toy.

22. INTRODUCTION TO GERMAN LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, German 3-4.

Schiller: *Wilhelm Tell*; Goethe: *Iphigenie auf Tauris*, or *Egmont*. Lectures. Outside reading. *Five hours a week, winter or spring quarter.* Professor Toy.

25-26. GERMAN LITERATURE OF THE NINETEENTH CENTURY. Sophomore, Junior, and Senior elective. Prerequisite, German 3-4.

Wide reading from the best authors. Course 25 may be taken separately for credit. *Five hours a week, fall and winter, or winter and spring quarters.* Professor Brown.

Courses 21, 22, 25-26, are parallel in grade. They present an introduction to the study of German literature.

Courses for Graduates and Advanced Undergraduates

41-42. *GOETHE'S LIFE AND WORKS. Prerequisite, five courses in German. This course may be elected only after consultation with the instructor.

Lectures, readings, reports. *Goetz von Berlichingen, Werthers Leiden, Tasso, Gedichte, Wilhelm Meister, Hermann und Dorothea, Briefe, Dichtung und Wahrheit.* *Five hours a week, two quarters.* Professor Brown.

43-44. *GOETHE'S FAUST. Prerequisite, German 21 and 22, or 25 and 26. This course may be elected only after consultation with the instructor.

Goethe: *Faust*, Parts I and II. *Five hours a week, two quarters.* Professor Toy.

45. *GERMAN DRAMA IN THE NINETEENTH CENTURY. Prerequisite, German 21 and 22, or 25 and 26.

Kleist, Grillparzer, Hebbel, Ludwig, Hauptmann. Reading, lectures, reports. *Five hours a week, one quarter.* Professor Brown.

Courses Primarily for Graduates

101. *GOTHIC. Prerequisite, German 21 and 22, or 25 and 26.

Braune's *Gotische Grammatik*; selected parts of Paul's *Grundriss der Germanischen Philologie*. Introduction to Germanic Philology. *Five hours a week, one quarter.* Professor Toy.

103. *OLD HIGH GERMAN. Prerequisite, German 21 and 22, or 25 and 26.

Braune's *Althochdeutsche Grammatik*; Braune's *Althochdeutsches Lesebuch.* *Five hours a week, one quarter.* Professor Toy.

* NOTE.—Courses 11, 41-42, 43-44, 45, 47, 64, 101, 103, 107, 109, 111, 113, 115, will be given if they are desired by a sufficient number of students. In any case the department reserves the right to withdraw a course for which the registration is very small.

Course 11 may not be counted among the prerequisites for advanced courses.

107. *MIDDLE HIGH GERMAN. Prerequisite, German 21 and 22, or 25 and 26.

Middle High German grammar. Wide reading. *Five hours a week, one quarter.* Professor Brown.

109. *THE ROMANTIC SCHOOL IN GERMANY.

Five hours a week, one quarter. Professor Brown.

111. *INTRODUCTION TO COMPARATIVE PHILOLOGY. Prerequisite, one classical and one modern foreign language.

A study of the theories of the origin and development of human speech; primitive languages (American Indian); classification and history of languages; peculiarities of the Semitic branch (Hebrew); the Indo-European branch; classical languages; Baltic-Slavonic and Romance group (especially French); Germanic family: Gothic, Old Saxon, Old English, Old High German. This course may be elected only after consultation with the instructor. *One quarter.* Professor Metzenthin.

113. *GERMANIC PHILOLOGY. Prerequisite, advanced English and German.

After a survey of the Indo-European family of languages the prehistoric Primitive Germanic language is explained and from it, as their source, the various Germanic dialects are traced and their historical developments discussed. Stress will be laid on Gothic, Anglo-Saxon, Old High German, and Old Saxon; the minor dialects, Frisian, Dutch, and the North Germanic branch, will be included. An introduction to the reading and interpretation of Germanic manuscripts will be given. *One quarter.* Professor Metzenthin.

115. OLD SAXON.

Introduction to the grammar and syntax of the Old Saxon dialect. Comparison with Gothic, Old High German and Old English. Study of "Heliand" and "Genesis",—including the characteristics of the Heroic Epic and its alliterative form,—as well as of the minor Low German prose documents of the 9th and 10th centuries, based on Otto Basler, *Altsachsisch*, (Freiburg, 1923). *Five hours a week, one quarter.* Professor Metzenthin.

DEPARTMENT OF HISTORY AND GOVERNMENT

Professors HAMILTON, WAGSTAFF, *PIERSON, CONNOR, GRAHAM, WOODHOUSE, GARRETT, CALDWELL; Assistant Professors FRAZER, GREEN; Instructors SHANKS, CRITTENDEN, PADGETT, PATTON, BRANDON, ROBSON, CAUTHEN; Teaching Fellows PEGG, SALLEY, MERRITT.

HISTORY

Courses for Undergraduates

1-2. FOUNDATIONS OF MODERN HISTORY.

A general course dealing with the fundamental factors in modern civilization in Europe and the United States. The emphasis of the course will rest upon the commercial revolution, European expansion, the Protestant Revolt, colonial and dynastic rivalry, the Old Regime, the French Revolution, the Industrial Revolution, the rise of democracy, the growth of modern imperialism, and the

* NOTE.—Courses 11, 41-42, 43-44, 45, 47, 64, 101, 103, 107, 109, 111, 113, 115, will be given if they are desired by a sufficient number of students. In any case the department reserves the right to withdraw a course for which the registration is very small.

* Absent on leave, fall quarter, 1928.

course of modern international relations. Lectures, text-books, and readings. *Five hours a week, every quarter.* Professors Wagstaff, Graham, Garrett, Green, Messrs. Shanks, Crittenden, Robson, Patton, Brandon, Cauthen.

Note. History 1-2 or the equivalent are prerequisite to all other courses in this department.

3-4. ENGLISH HISTORY: GENERAL COURSE. Sophomore, Junior, and Senior elective.

The purpose of this course is to convey a good working knowledge of English history and broaden it into a survey of the part the Anglo-Saxon race has played in world history. Text-book, readings, and lectures. *Five hours a week, fall and winter quarters.* Professor Wagstaff.

5-6. ANCIENT HISTORY: GENERAL COURSE. Sophomore, Junior, and Senior elective.

A course dealing with the history of the Orient, Greece, and Rome to the time of Constantine. Particular attention will be paid to social and economic conditions and cultural and religious developments. *Five hours a week, winter and spring quarters.* Professor Caldwell.

7-8. AMERICAN HISTORY: SURVEY COURSE. Sophomore, Junior, and Senior elective.

A general survey of the history of the United States, European background, discovery and exploration, colonization, revolution, independence, federation, western expansion, democracy, slavery, civil war, reconstruction, business and politics, progressive movement, and world politics. Lectures, text-books, and readings. *Five hours a week, fall and winter quarters.* Professor Graham.

12. AMERICAN BIOGRAPHY. Prerequisite, History 1-2. Sophomore elective. Open to qualified Freshmen also.

A general survey of the lives of a selected group of distinguished Americans and a study of their influence upon the history of the United States. Lectures, readings, and reports. *Five hours a week, spring quarter.* Professor Green.

Courses for Graduates and Advanced Undergraduates

31. THE ORIENT AND EARLY GREECE.

An advanced course in the history of the Bronze Age in the Mediterranean, the beginning of civilization in Egypt, Babylonia, Syria and Palestine, and Crete, and the history of their development down to the time of the Persian Empire. Attention will be given to the hieroglyphics and cuneiform scripts, to economic conditions, governments and law, artistic and literary achievements, and religion. (Offered in 1929-1930 and in alternate years.) *Five hours a week, fall quarter.* Professor Caldwell.

32. GREECE: THE CLASSICAL PERIOD.

A history of the classical period of Ancient Greece: the Homeric Age, the Expansion of the Hellas, the Renaissance of the Aegean, the Fifth and Fourth Centuries to the death of Alexander. Particular attention will be given to the growth of democracy, social and economic aspects, artistic, literary, and religious developments. (Offered in 1929-1930 and in alternate years.) *Five hours a week, spring quarter.* Professor Caldwell.

33. HELLENISTIC GREECE AND THE ROMAN REPUBLIC.

A survey of the world into which Rome entered, the political, economic, and social conditions of the Eastern Mediterranean, Hellenistic art, literature, and religion, the establishment and growth of the Roman Republic, Roman expansion throughout the Mediterranean, the growth of Roman culture, the Roman Revolution, and the foundation of the Empire. (Offered in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Caldwell.

34. THE ROMAN EMPIRE AND THE EARLY MIDDLE AGES.

A survey of history from Augustus to Charlemagne; the organization and administration of the Roman Empire, social, economic, and religious conditions and developments, the collapse of ancient civilization, the Germanic invasions, the foundation of feudalism and the Medieval Church, Charlemagne, and the Empire. (Offered in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Caldwell.

35. MEDIÆVAL EUROPE: CHARLEMAGNE TO THE RENAISSANCE.

A brief survey of the political history of mediæval Europe and an intensive study of institutional, economic, and cultural conditions, the Empire, the Church, feudalism, the manor, the cities, the universities, and the cathedrals. *Five hours a week, winter quarter.* Professor Caldwell.

36. THE RENAISSANCE. Junior, Senior, and Graduate elective.

Introduction to the Renaissance. The establishment of modern European culture. Lectures on the history, science, fine arts, literary scholarship, and literature of the Renaissance in Italy, France, Germany, the Netherlands, and England. (Offered in 1930-1931.) *Five hours a week, fall quarter.* Professors Holmes (Chairman), Garrett, Bernard, Taylor, Lyons, Adams, Thrall. (The course is the same as Comparative Literature 57.)

37. THE PROTESTANT REVOLT.

An intensive study of religious, political, intellectual, and economic conditions on the eve of the Protestant Revolt, of the movements led by Luther, Zwingli, Calvin, Knox, and Henry VIII, and of the Catholic Reformation. (Offered in 1929-1930.) *Five hours a week, spring quarter.* Professor Garrett.

39. ENGLAND IN THE NINETEENTH CENTURY.

The purpose of this course is to effect an intensive treatment of a relatively short period of English History, that from 1815 to 1915. The course will develop England's national and imperial story, her international relations and her contributions to the history of the age. Lectures and readings. *Five hours a week, spring quarter.* Professor Wagstaff.

40. THE FRENCH REVOLUTION.

An intensive study of the causes, events, and results of the French Revolution. (Offered in 1929-1930.) *Five hours a week, fall quarter.* Professor Garrett.

42. THE NAPOLEONIC PERIOD.

A detailed study of the chief events and movements of the Napoleonic period. Particular attention will be paid to the immediate effects of the period on the states surrounding France and on the permanent results of the period on Europe. (Offered in 1929-1930.) *Five hours a week, winter quarter.* Professor Garrett.

43. RISE OF DEMOCRACY AND NATIONALISM IN MODERN EUROPE.

An intensive study of the period of restoration and reaction, the revolutions of 1830 and 1848, the rise of socialism, the unification of Italy and of Germany, France under Louis Philippe, the Second French Republic, and Napoleon III. (Offered in 1930-1931.) *Five hours a week, fall quarter.* Professor Garrett.

44. RECENT AND CONTEMPORARY EUROPEAN HISTORY.

A study of the recent history of France, Germany, Italy, Austria-Hungary, and Russia, the causes of the Great War, the chief events of the war, the treaties of peace, the attempt to organize the world, the world after the war, and recent movements in Europe. (Offered in 1930-1931.) *Five hours a week, spring quarter.* Professor Garrett.

45. THE RISE OF ABSOLUTISM IN EUROPE.

A study of the rise of absolutism in Europe. A detailed study of the Thirty Years War, France under Henry IV, Richelieu, Mazarin, and Louis XIV, the rise of Prussia, Sweden from Gustavus Adolphus to the death of Charles XIII, the decline of Poland and Turkey, and the development of Russia to the death of Peter the Great. (Offered in 1930-1931.) *Five hours a week, winter quarter.* Professor Garrett.

46. THE NEAR EAST.

A study of the rise and decline of Turkey, the development of international rivalries in the Near East, the rise of the Balkan States, the Revolution in Turkey, the Balkan Wars, the Great War in the Near East, and the Rebirth of Turkey. (Offered in 1929-1930.) *Five hours a week, spring quarter.* Professor _____.

51. THE AMERICAN COLONIES IN THE SEVENTEENTH CENTURY.

A general survey of the European background of American society and institutions and the rival territorial claims of the colonizing nations; followed by an intensive study of the influences and motives behind English colonization in America, the founding of England's continental colonies, their political, social, and economic development, and their relations to each other and to the British Empire as a whole. Lectures, readings, and reports. (Offered in 1929-1930.) *Five hours a week, fall quarter.* Professor Connor.

52. THE AMERICAN COLONIES IN THE EIGHTEENTH CENTURY.

A general survey of the colonies as a whole at the opening of the eighteenth century, followed by an intensive study of their social, economic, and political development, immigration, conquest and westward expansion, their imperial relations and part in international rivalries, constitutional controversies and development of colonial self-government, intercolonial relations, revolution and independence, Federal relations and the formation of the American Union. Lectures, readings, and reports. (Offered in 1930-1931.) *Five hours a week, fall quarter.* Professor Connor.

53. THE FEDERAL PERIOD (1783-1815.)

An intensive study is made of the government under the Articles of Confederation, the formation and adoption of the Federal Constitution, the nature of the Union, the launching of the government, Jeffersonian democracy, the westward movement, and the Second War for Independence. Text-book, lectures, readings, and reports. (Offered in 1930-1931.) *Five hours a week, fall quarter.* Professor Green.

54. THE ANTE-BELLUM PERIOD (1815-1860.)

A social, economic, and political study of the period—the westward movement, states' rights philosophy, Jacksonian democracy, development of Nationalism, controversy over negro slavery, the rest of Southern Rights, and the causes of the stroke for Southern Independence. Text-book, lectures, readings, and reports. (Offered in 1929-1930.) *Five hours a week, fall quarter.* Professor Green.

55. SECESSION AND CIVIL WAR.

Beginning with a rapid survey of the states' rights theory and of the secession movement before 1860, the course deals with the important constitutional, political, and economic aspects of the Civil War in the United States. Lectures, readings, and reports. (Offered in 1930-1931.) *Five hours a week, winter quarter.* Professor Hamilton.

56. THE RECONSTRUCTION PERIOD.

A course dealing with the constitutional, political, social, and economic aspects of the period from the close of the Civil War in 1865 to the restoration of home rule in the South in 1877. Lectures, readings, and reports. (Offered in 1929-1930.) *Five hours a week, winter quarter.* Professor Hamilton.

57. RECENT AMERICAN HISTORY, 1876-1898.

The history of the United States from 1876 to 1898. In this course emphasis will be placed upon the influence of the Civil War and Reconstruction upon subsequent American history; the war amendments in theory and practice; business and politics; the Granger movement; the currency question; the tariff legislation; the trust problem; foreign relations; the Spanish-American War and its results; party politics; political dissent and interpretation of democracy. Lectures, text-books, and readings. (Offered in 1929-1930.) *Five hours a week, spring quarter.* Professor Pierson.

58. RECENT AMERICAN HISTORY, 1898-1920.

Continuation of History 57. A course dealing with the political, economic, social, and diplomatic history of the United States from 1898 to 1920. Conservatism, moderation, and radicalism in politics and economics; social legislation; American imperialism and increased participation in international relations; the World War and the problems of peace. Lectures, text-books, and readings. (Offered in 1930-1931.) *Five hours a week, spring quarter.* Professor Pierson.

59. NORTH CAROLINA, 1663-1789.

General survey of the settlement of North Carolina and its territorial expansion; the origin and development of its political institutions; the influences affecting its growth and development; immigration and the development of social and economic life; political and constitutional controversies; intercolonial and imperial relations; revolution and independence; the adoption of a constitution and organization of the state government; Federal relations and formation of the Federal Union. Lectures, readings, and reports. *Five hours a week, winter quarter.* Professor Connor.

60. NORTH CAROLINA, 1789-1900.

General survey of conditions at the close of the 18th century; origin and development of political parties; sectional controversies; political and constitutional development; education, internal improvements, and railroads; Federal relations; the slavery controversy; secession, civil war and reconstruction; restoration of home rule; the rise of Populism; the era of fusion; "white supremacy"; recent political, educational, and industrial development. Lectures, readings, and reports. *Five hours a week, spring quarter.* Professor Connor.

63. HISTORY OF THE WEST.

A study of the westward movement of civilization from 1763 to the opening of the 20th Century in the area now comprising the United States; the conditions and processes of migration into the various areas; and the social, economic, and political influence of the frontier. Text-book, lectures, readings, and reports. (Offered in 1929-1930.) *Five hours a week, winter quarter.* Professor Green.

History 64. THE FRONTIER IN AMERICAN HISTORY.

A study of the general significance of the frontier in American civilization; the problems of the West, its contributions to American Democracy, Western ideals, and the reaction of the frontier influences upon the East. Lectures, readings and reports. (Offered in 1930-1931.) *Five hours a week, winter quarter.* Professor Green.

65. AMERICAN ECONOMIC HISTORY.

This course will deal with the economic materials, institutions, conflicts, and transitions in the history of the United States from its origin as a part of the British Economic Empire to its development as one of the economic powers in the present world, with some regard for the social and political implications involved in this development. *Five hours a week, spring quarter.* Professor Graham.

66. SOCIAL AND EDUCATIONAL HISTORY OF THE UNITED STATES. (Education 37.) Junior and Senior elective.

The social and educational institutions and practices of the United States are traced through: (a) The period of transplanting of European institutions; (b) the period of modifications of institutional life to meet new conditions; and (c) the period of development of a social and an educational system of free common schools, high schools, and higher and technical education in harmony with the political and social ideals and institutions of America. Text-book, lectures, investigations, and reports. *Five hours a week, fall or spring quarter.* Professor Knight.

68. INTER-AMERICAN RELATIONS.

A course concerned with the diplomatic relations developed between the states of the Western Hemisphere from 1810 to the present. The chief interest will be in the relations of the United States and the Hispanic-American countries. In the course such topics will be treated as the problems of recognition, the Monroe Doctrine, expansion, intervention, "headship" of the United States, Pan Americanism, arbitration, trade and cultural relations. Lectures, readings, and reports. *Five hours a week, spring quarter.* Professor Pierson.

70. HISPANIC AMERICAN HISTORY: The Colonial Period and the Wars of Independence. Seniors and Graduates.

In this course a general survey will be made of Spanish and Portuguese America from the establishment of colonial settlements through the wars of independence. A study of the transplantation of Hispanic civilization in language, customs, religion, trade, and political institutions; Indian relations; labor and social conditions; education and industry; the causes and events of the struggles for independence. Lectures and readings. *Five hours a week, winter quarter.* Professor Pierson.

71. HISPANIC-AMERICAN HISTORY: Development of Nationality in South America. Seniors and Graduates.

The modern history of Argentina, Brazil, Chili, Uruguay, Paraguay, Peru, Bolivia, and Ecuador. Attention will be directed to the establishment of these republics, the evolution of their political theory, the struggle for political stability, the exploitation of resources, the diplomatic and commercial relations with the United States and Europe, the international problems of South America, the contemporary progress in politics and society. Lectures and readings. (Offered in 1929-1930 and in alternate years.) *Five hours a week, winter quarter.* Professor Pierson.

72. HISPANIC-AMERICAN HISTORY: Hispanic North America and the Caribbean Countries. Seniors and Graduates.

Emphasis in this course will be placed upon the same general factors as in History 71. The diplomatic and commercial relations of the United States and Mexico, the insular republics, the Central American countries, and Colombia, Panama, and Venezuela will receive special attention. Lectures and readings. (Offered in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Pierson.

Courses Primarily for Graduates

100abc. THE HISTORY OF NORTH CAROLINA.

A seminar course in the social, economic, and political history of North Carolina. The course continues throughout the year, a weekly conference being held for the presentation of reports and discussions. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Connor.

106abc. THE HISTORY OF CONGRESS.

A seminar course devoted to the investigation of a selected period in the history of the Congress of the United States. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Hamilton.

110abc. ANCIENT HISTORY.

A seminar in some phase of Ancient History. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Caldwell.

113abc. MODERN EUROPEAN HISTORY.

A seminar in some phase of the Napoleonic period. *Conference, one hour a week, fall, winter, and spring quarters.* Professor Garrett.

116abc. HISTORY OF THE UNITED STATES, 1783-1860.

A seminar in some phase of the history of the United States, 1783-1860. *Conference, one hour a week, fall, winter, and spring quarters.* Professor

120. PRELIMINARIES OF THE AMERICAN REVOLUTION.

A study of the background and causes of the American Revolution. Lectures and reports. *Five hours a week, fall quarter.* Professor Connor.

141. SEMINAR COURSE.

A research course in a special field under the direction of a member of the department.

151ab. HISTORIOGRAPHY.

Lectures, conferences, readings. The first term will be concerned with methods of research, schools of interpretation, and the interrelation of history with the other social sciences. The second term will be devoted to the history and bibliography of history. Required of all graduate students in history and government. *Fall and winter quarters, credit one course.* (This course, with Professor Caldwell as Chairman, is given coöperatively by the department.)

GOVERNMENT

Courses for Undergraduates

1-2. COMPARATIVE GOVERNMENT. Sophomore, Junior, and Senior elective.

In this course an intensive study will be made of the governmental and social institutions of the leading states of the modern world. The first quarter will be devoted to the treatment of the United States of America. Credit is given for Government 1 without Government 2. In the second quarter the chief emphasis will be placed upon Great Britain and France, with outline studies of the institutions of other European countries. Text-books, lectures, discussions, and readings. *Five hours a week, fall and winter or winter and spring quarters.* Professors Hamilton, Frazer.

Courses for Graduates and Advanced Undergraduates

30. THE ELEMENTS OF POLITICAL SCIENCE.

A general course in which a study is made of the principles of political science and of the important theories respecting the nature, origin, forms, and

ends of the state and of government. An examination of the literature of the subject will be made, supplemented by students' reports on selected political theorists. Lectures, text-books, and readings. *Five hours a week, fall quarter.* Professor Pierson.

34. THE CONSTITUTION OF THE UNITED STATES.

An elementary course in constitutional law covering by means of lectures, text-books, and cases the fundamental principles of constitutional interpretation and practice in the United States. *Five hours a week, fall quarter.* Professor Hamilton.

35. THE GOVERNMENT OF ENGLAND.

The objective in this course is a knowledge of the development and operation of the English government. Local, national, and imperial aspects of England's government practice will receive attention. Resemblances and contrasts between her government and that of our own country will be pointed out for the practical lessons which the parallel supplies. Lectures and readings. (Offered in 1929-1930.) *Five hours a week, spring quarter.* Professor Wagstaff.

36. AMERICAN MUNICIPAL GOVERNMENT.

An historical survey of the development of governmental structure, theory, and functions in American municipalities, and careful analysis of existing municipal conditions, with special attention to city and town government in North Carolina. Each student will make an intensive study of his own or of some other city or town. *Five hours a week, fall quarter.* Professor Woodhouse.

37. AMERICAN MUNICIPAL ADMINISTRATION.

Special study of the principles and problems of administration in American municipal corporations, of such functions as police, public education, charities and correction, local improvements, public health, finances, with emphasis on city and town administration in North Carolina. Each student will select and study exhaustively a municipal problem in one municipality. *Five hours a week, fall quarter.* Professor Woodhouse.

38. AMERICAN STATE GOVERNMENT.

A study in the principles, organization, and administrative methods of state government. In connection with the course will be a special study of the government of North Carolina. Lectures, readings, and reports. *Five hours a week, winter or spring quarter.* Professor Connor.

40. INTERNATIONAL LAW.

A study will be made of the rules observed by the states of the world concerning their relations in peace and in war. Lectures and the preparation of typical cases by the students. *Five hours a week, fall quarter.* Professor Frazer.

41. INTERNATIONAL RELATIONS.

The problems of nationalism and internationalism, of imperialism, and the settlement of international conflicts will be considered in this course. It is designed to introduce the student to the basic facts of world politics. Lectures, readings, and reports. *Five hours a week, winter quarter.* Professor Frazer.

42. GOVERNMENT AND ADMINISTRATION OF EUROPEAN CITIES.

A general consideration of principles and methods of social control in the municipalities of Great Britain, France, and Germany, with some attention to those of other nations. Comparisons with American conditions. *Five hours a week, spring quarter.* Professor Woodhouse.

43. COUNTY GOVERNMENT AND ADMINISTRATION.

A study of the forms of organization, the functions, and the operation of County Government in the United States and especially in North Carolina, in their historical development but with special emphasis on present conditions and tendencies and on possible improvements. Each student will be required to study, as extensively and as intensively as possible, the government and administration of one county, preferably his home county, and to put his results in essay form. Regular class discussion will be based on the best general texts, the North Carolina Constitution, Statutes and Supreme Court decisions, and on special studies of individual counties already made and being made in the University. A fair minimum of required reading will be assigned and wider reading encouraged. *Five hours a week, spring quarter.* Professor Woodhouse.

46. POLITICAL THOUGHT OF THE EIGHTEENTH CENTURY.

An analysis of political thought and philosophy, 1750-1800. Emphasis will be placed on the study of the philosophical ideas of the American and French Revolutions. Lectures and reports. *Five hours a week, winter quarter.* Professor Pierson.

47. DEVELOPMENT OF THE ENGLISH CONSTITUTION.

A general course surveying the origin and development of the Constitutional machinery of the British monarchy. Emphasis will be laid on the successive Constitutional landmarks from the Norman Conquest to the Parliament Act of 1911. Lectures, text-books, and readings. (Alternates with Government 35. Offered in 1930-1931.) *Five hours a week, spring quarter.* Professor Wagstaff.

48. AMERICAN DIPLOMACY.

The course will be concerned with a survey of the diplomatic relations of the United States from the period of the American Revolution to the World War. Particular attention will be directed to the development of American foreign policies and American contributions to International Public Law. Lectures and reports by students. *Five hours a week, spring quarter.* Professor Frazer.

Courses Primarily for Graduates

100abc. AMERICAN POLITICAL THEORY.

A seminar course respecting the political philosophy that has been developed in the United States. In the fall quarter the political theory of the colonial period and the American Revolution will be studied; in the winter quarter attention will be given to the theories associated with the formation of the Constitution and its early interpretation, the nature of the Union, and the slavery dispute; in the spring quarter the political theory of the Civil War and the contemporary United States will be considered. Lectures, readings, and reports. *Two hours a week, fall, winter, and spring quarters.* Professor Pierson.

106abc. MODERN INTERNATIONAL RELATIONS.

Seminar in International Relations. An analysis will be made of the major problems of international relations. Emphasis will be placed upon the elements of nationalism and internationalism, imperialism, and the settlement of international disputes. *Two hours a week, fall, winter, and spring quarters.* Professor Frazer.

110-111-112. SEMINAR ON STATE AND LOCAL GOVERNMENT.

Intensive studies of various functions, organs, and problems of public administration in States of the United States and in their sub-divisions. Comparison of various attempts to reorganize state administrative systems. *Two hours a week, fall, winter, and spring quarters.* Professor Woodhouse.

141. SEMINAR COURSE.

A research course in a special field under the direction of a member of the department.

DEPARTMENT OF JOURNALISM

Professor COFFIN.

1. NEWS WRITING.

A course in elementary news writing devoted to practical work in the classroom. Prerequisite for Journalism 2. *Five hours a week, fall quarter. Laboratory fee, \$2.00.* Professor Coffin.

2. NEWS WRITING. Prerequisite, Journalism 1 or the equivalent.

A continuation of the work in Journalism 1, with the addition of some copy-reading. Prerequisite for Journalism 3. *Five hours a week, winter quarter. Laboratory fee, \$2.00.* Professor Coffin.

3. NEWS WRITING. Prerequisite, Journalism 1 and 2.

A continuation of Journalism 2, with more emphasis on head-writing and assignments. *Five hours a week, spring quarter. Laboratory fee, \$1.00.* Professor Coffin.

7. WEEKLY NEWSPAPER EDITING.

A study of the functions of the weekly newspaper, with practical instruction in meeting the problems of the neighborhood news medium. *Three hours a week, winter or spring quarter.* Professor Coffin.

10. FEATURE WRITING.

A course for advanced students in the production of feature stories and feature articles, with a view to making them marketable. *Three hours a week, fall quarter.* Professor Coffin.

11. NEWS METHODS AND TREATMENTS. A study of contemporary newspapers and of prevailing methods of handling news. Desk work. *Three hours a week, winter quarter.* Professor Coffin.

12. EDITORIAL WRITING.

Comparative examination of policies and relations. Editorial writing. *Three hours a week, spring quarter.* Professor Coffin.

30. COLLEGE REPORTING.

A course with a maximum credit of one full course for reporting done on the student tri-weekly under the supervision of the Department of Journalism.

31. COLLEGE EDITING.

A similar credit course for those who do the editorial work of the student newspaper.

DEPARTMENT OF LIBRARY SCIENCE

Professor WILSON

3. REFERENCE AND BIBLIOGRAPHY. Junior and Senior elective.

A course for college students, teachers, journalists, and librarians on the use of books. Instruction is given as to the kind of information specific reference books, dictionaries, and encyclopedias contain. Special emphasis is laid on methods of finding material for use in the preparation of themes, essays, debates, and orations and of assisting others in finding material in school or public libraries for school use. Practice with the reference books of the

University library and the preparation of an extensive list of reading on some subject to be assigned will be required. Lectures, assigned readings, text-book. *Three hours a week, winter quarter.* Professor Wilson.

NOTE: This course is also given annually in the first session of the Summer School, as are additional courses in Library Organization and Methods (s1), Classifications and Cataloguing (s2), Children's Literature (s4), and Book Selection and Allied Subjects (s5), which are credited in the College of Liberal Arts and the School of Education for degrees.

DEPARTMENT OF MATHEMATICS

Professors HENDERSON, LASLEY, HOBBS; Associate Professors WIN-SOR, MACKIE, BROWNE, LINKER; Assistant Professors HILL, PARKER; Instructors BUSH, CURLEE, BLACKWELL, BULLOCK; Teaching Fellows CAMERON, COKER.

Courses for Undergraduates

1. FRESHMAN MATHEMATICS I. Required of Freshmen.

An elementary treatment of the straight line, circle, parabola, ellipse, hyperbola, maximum and minimum, differentiation, and integration, solution of numerical equations, theory of equations. *Five hours a week, every quarter.* Professors Lasley, Mackie, Browne, Parker, Messrs. Bush, Curlee, Blackwell, Bullock, Cameron, Coker.

2. FRESHMAN MATHEMATICS II. Required of Freshmen.

Logarithms and their application to computations. Solution of right and oblique triangles with problems from mechanics and physics. Trigonometric analysis. *Five hours a week, every quarter.* Professors Lasley, Mackie, Brown, Parker, Messrs. Bush, Curlee, Blackwell, Bullock, Cameron, Coker.

3. ANALYTIC GEOMETRY. Sophomore, Junior, and Senior elective. Prerequisite, Mathematics 1 and 2.

A course in the fundamentals of analytic geometry, the straight line, circle, parabola, ellipse, hyperbola, higher plane curves, transformations of coördinates, geometry of space. *Five hours a week, fall or spring quarter.* Professors Mackie, Hill.

1E. PLANE TRIGONOMETRY AND PRACTICAL MEASUREMENTS. Required of Freshmen in Engineering Courses.

Solution of right and oblique triangles by logarithms, with problems drawn from Engineering practice. Selected theorems from Solid Geometry with special emphasis on the sphere. *Five hours a week, fall quarter.* Professors Hobbs, Winsor, Linker, Hill.

2E. SPHERICAL TRIGONOMETRY AND ALGEBRA. Required of Freshmen in Engineering Courses.

Solution of right and oblique spherical triangles. A study of the elementary functions from the point of view of their graphical representation and differentiation. *Five hours a week, winter quarter.* Professors Hobbs, Winsor, Linker, Hill.

3E. ANALYTIC GEOMETRY. Required of Freshmen in Engineering Courses.

A treatment of the straight line, circle, conic sections, special plane curves, transformation of coördinates. *Five hours a week, spring quarter.* Professors Hobbs, Winsor, Linker, Hill.

4. DIFFERENTIAL CALCULUS. Prerequisite, Mathematics 1, 2, and 3.

A study of the differentiation process and its application to geometry, physics, and mechanics, including the notions of curvature, partial differentiation, envelopes, series, expansion of functions, etc. *Five hours a week, fall or winter quarter.* Professors Henderson, Parker.

5. INTEGRAL CALCULUS. Prerequisite, Mathematics 4.

This course centers around the idea of the definite integral, considering in detail problems arising in geometry and the physical sciences, including length of curves, areas, volumes, moment of inertia, etc. *Five hours a week, winter or spring quarter.* Professors Henderson, Parker.

4Eabc. CALCULUS FOR ENGINEERING STUDENTS. Required of Sophomores in Engineering courses. Prerequisite, Mathematics 3 or 3E.

The first quarter is devoted to a study of the derivative and its applications to geometry and mechanics, expansion of functions, partial differentiation; the second deals chiefly with the definite integral and its application; the third consists of engineering problems involving calculus, together with an elementary treatment of differential equations. *Six hours a week, fall, winter, and spring quarters.* Professors Hobbs, Winsor, Linker.

6. ADVANCED GEOMETRY.

The geometry of the triangle and circle, inversion, poles, and polars. *Five hours a week, fall quarter.* Professor Winsor.

7. ADVANCED ALGEBRA.

An advanced course in algebra for students who intend to teach elementary mathematics or to pursue advanced study in the subject. The course includes the fundamental operations, systems of equations, equations of higher degree, permutations, combinations, probability, series, theory of equations, and elimination. *Five hours a week, winter quarter.* Professor Winsor.

12. THEORETICAL MECHANICS. Prerequisite, Mathematics 5 or 4Eb.

An introductory course in mechanics employing the methods of the calculus. *Five hours a week, spring quarter.* Professor Linker.

Courses for Graduates and Advanced Undergraduates

50. THEORY OF EQUATIONS. Prerequisite, Mathematics 5.

Indispensable for students intending to prosecute studies in the higher branches of pure mathematics. Such subjects as the solution of equations of higher degree, transformations, determinants, elimination, invariants and covariants, and symmetric functions are treated in detail. The student is afforded a survey of the general problem and the basic principles of the formation, handling, and evolution of equations. *Five hours a week, winter quarter.* Professor Browne.

51. DIFFERENTIAL EQUATIONS. Prerequisite, Mathematics 5 or 4Ea.

This is a course both for students intending to specialize in mathematics and for students in advanced engineering, civil, electrical, and chemical. Among the subjects treated are singular solutions, applications to mechanics, geometry, and physics, linear equations with both constant and variable coefficients, equations involving more than two variables, partial differential equations, and spatial forms. *Five hours a week, winter quarter.* Professor Browne.

52. SYNTHETIC PROJECTIVE GEOMETRY. Prerequisite, Mathematics 5.

A geometric account of the fundamental notions of projective geometry: one-to-one correspondence, dimensionality, projective correspondence between forms of one and two dimensions, poles and polars, involution, projective and metric theory of conics. (Summer 1929 and alternate years.) Professor Lasley.

53. PROJECTIVE HOMOGENEOUS CO-ORDINATES AND THEIR APPLICATIONS. Prerequisite, Mathematics 5.

A study of the general homogeneous coördinates of forms of one, two, three, and four dimensions; cross ratio and its properties; ideal elements; duality; projective correspondence; transformation of coördinates; the elements of line geometry. *Five hours a week, fall quarter.* Professor Lasley.

54. ANALYTIC PROJECTIVE GEOMETRY. Prerequisite, Mathematics 53.

The projective theory of binary forms; the conic as a rational curve; the conic as a ternary form; the conic from the viewpoint of the theory of correlations; functional determinants and invariants; selected topics from higher geometry. *Five hours a week, winter quarter.* Professor Lasley.

55. ANALYTIC GEOMETRY OF SPACE. Prerequisite, Mathematics 5.

Spatial relations are treated from the analytic standpoint. Deals with quadric surfaces, envelopes, foci, quadriplanar and tetrahedral coördinates, developable surfaces, curves in space, curvature of surfaces, higher surfaces, etc. (1930-1931 and alternate years.) *Five hours a week, spring quarter.* Professor Henderson.

56abc. GRAPHICAL ANALYSIS. Prerequisite, Mathematics 5 or equivalent.

A study of alignment charts and of equations determined from empirical data, with a brief treatment of the method of least squares. *Three laboratory hours a week, fall, winter, and spring quarters.* Professor Linker.

59. ADVANCED CALCULUS. Prerequisite, Mathematics 5.

This course completes and rounds out the subject as given in Mathematics 5. Stress upon rigor in demonstration. Designed to meet the particular needs of the class, e.g., problem course on study of special functions. Thorough knowledge of calculus is the aim of the course. (1930-1931 and alternate years.) *Five hours a week, fall quarter.* Professor Mackie.

60. DYNAMICS. Prerequisite, Mathematics 12 and 51.

Differential equations of motion, equations of orbits, D'Alembert's principle, motion of a rigid body. (1930-1931 and alternate years.) *Five hours a week, winter quarter.* Professor Hobbs.

61. VECTOR ANALYSIS. Prerequisite, Mathematics 60.

A study of some of the general principles of mechanics in the language of vectors. (1930-1931 and alternate years.) *Five hours a week, spring quarter.* Professor Hobbs.

70. ADVANCED DIFFERENTIAL EQUATIONS. Prerequisite, Mathematics 51.

Linear equations with constant coefficients, with variable coefficients. Exact equations and equations of the second order, with geometrical and physical applications. Partial differential equations, with classic types. (1929-1930 and alternate years.) *Five hours a week.* Professor Henderson.

Courses Primarily for Graduates

100. THEORY OF FUNCTIONS OF A REAL VARIABLE. Prerequisites, Mathematics 50, 59.

The real number system from the standpoints of Cantor and Dedekind, elementary theory of point sets, limits, series, implicit functions, Riemann and Lebesgue integrals. (1929-1930 and alternate years.) *Five hours a week, winter quarter.* Professor Mackie.

101. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE. Prerequisites, Mathematics 50, 51, 59.

Complex numbers, differentiation and integration, conformal mapping, linear fractional transformations, single and multiple valued functions. (1930-1931 and alternate years.) *Five hours a week, winter quarter.* Professor Mackie.

102. HIGHER PLANE CURVES.

A course dealing with plane curves, particularly conics; cubics and quartics; polarity, Plücker formulas, curves of Hesse, Steiner, and Cayley; classification of cubics, intersections of curves, singularities of curves, unicursal curves. (1929-1930 and alternate years.) *Five hours a week, spring quarter.* Professor Lasley.

103. THE THEORY OF DIFFERENTIAL EQUATIONS. Prerequisite, Mathematics 51.

A study of differential equations from the point of view of continuous groups. (1930-1931 and alternate years.) *Five hours a week, fall quarter.* Professor Hobbs.

104. THEORY OF NUMBERS. Prerequisite, Mathematics 50.

An elementary course in the study of the properties of the rational integers, including the study of the question of divisibility, greatest common divisor of two or more integers, solution of simple congruences, quadratic residues, quadratic reciprocity law, representation of integers by quadratic forms, equivalence of quadratic forms, etc. (1929-1930 and alternate years.) *Five hours a week, fall quarter.* Professor Browne.

105. DIFFERENTIAL GEOMETRY. Prerequisite, Mathematics 51 and 54.

A study of the metric differential geometry of curves, surfaces, and curves on surfaces, systems of curves defined by differential equations, surfaces given by two quadratic differential forms. (1929-1930 and alternate years.) *Five hours a week, spring quarter.* Professor Lasley.

106. INTRODUCTION TO THE THEORY OF RELATIVITY. Prerequisite, Mathematics 12 and 51.

In this course the essential features of the special and the general relativity theories of Einstein are set forth from the mathematical point of view. Particular study is made of the Lorentz transformation, the theory of tensors, the absolute differential calculus, and the three crucial tests of the theory. (1929-1930 and alternate years.) *Five hours a week, spring quarter.* Professor Henderson.

107. ADVANCED RELATIVITY THEORY.

Restricted relativity, with applications to physical and electrical problems. General relativity and gravitation. Geodesics and curvature in space-time. Cosmological speculations as to a finite, unbounded universe. Theories of Einstein and DeSitter. (1929-1930 and alternate years.) *Five hours a week, fall quarter.* Professor Henderson.

108. MODERN HIGHER ALGEBRA. Prerequisite, Mathematics 50.

Polynomials and their fundamental properties, determinants, theory of linear dependence, lineal equations, matrices, invariants, bilinear and quadratic forms. (1930-1931 and alternate years.) *Five hours a week, winter quarter.* Professor Browne.

109. ELEMENTS OF NON-EUCLIDEAN GEOMETRY. Prerequisite, Mathematics 52.

The subject is treated chronologically. The contributions of Saccheri, Bolyai, Lobachewsky, Riemann, Cayley, Klein are studied, analyzed, and compared. (1930-1931 and alternate years.) *Five hours a week, fall quarter.* Professor Henderson.

111. CALCULUS OF VARIATIONS. Prerequisite, Mathematics 100.

A study of various kinds of minimizing problems, determining functions which minimize certain definite integrals. Isoperimetric problems. Necessary conditions for an extreme as deduced by Euler, Weierstrass, Legendre, and Jacobi, and conditions sufficient to ensure such an extreme. (1929-1930 and alternate years.) *Five hours a week, spring quarter.* Professor Mackie.

112. PROJECTIVE DIFFERENTIAL GEOMETRY. Prerequisites, Mathematics 53 and 105.

A study of the projective properties of curves and ruled surfaces by means of the invariants and covariants of systems of homogeneous differential equations. (1930-1931 and alternate years.) *Five hours a week.* Professor Lasley.

113. INTRODUCTION TO THE THEORY OF FINITE GROUPS. Prerequisite, Mathematics 50.

Deals with the theory of substitutions in general, and as applied to the algebraic equation. Simple and compound groups, transitivity and primitivity. Cyclic and linear groups, linear fractional substitutions, etc. Numerous applications in algebra and geometry. *Five hours a week, winter quarter.* Professor Henderson.

141. SEMINAR.

Reading and research in Mathematics conducted by members of the department.

DEPARTMENT OF MUSIC

Professor WEAVER; Assistant Professor McCORKLE; Instructors KENNEDY, TROXELL.

Courses for Undergraduates

1. MUSIC THEORY.

A course covering musical terminology and the theory of music notation, including a study of modes, scale structure, melodic construction, etc. *Five hours a week, spring quarter.* Professor McCorkle.

3-4-5. APPRECIATION OF MUSIC.

An illustrated course primarily for students who have had little or no training in music. *Five hours a week, fall, winter, and spring quarters.* Professors Weaver, McCorkle.

7-8-9. SIGHT-SINGING AND EAR-TRAINING.

A course in the reading and recognition of music notation, from the standpoint of both eye and ear. No prerequisites or previous training are necessary for number 7; students will be admitted to number 8 at the beginning of the winter quarter, or number 9 at the beginning of the spring quarter, who have had the equivalent of the work covered in the course up to that point. Students registered for this course who become members of the University Glee Club will be allowed to count their club rehearsal time as outside practice and preparation for this course. *Five hours a week, fall, winter, and spring quarters.* Mr. Kennedy.

10-11-12. HISTORY OF MUSIC.

A study of the historical development of music. In exceptional cases, students may enter the course at the beginning of any quarter. *Three hours a week, fall, winter, and spring quarters.* Professor Weaver.

20-21-22. HARMONY.

A beginner's course in harmony. Prerequisite, Music 1 or its equivalent. *Three hours a week, fall, winter, and spring quarters.* Professor Weaver.

23-24-25. INSTRUMENTATION. Junior and Senior elective.

A course in the study of the principles and practice of instrumentation for band and orchestra. Orchestra and band music will be heard, analyzed, and studied, and music will be arranged for orchestra and band. Students registered for this course who become members of the University Band or the University Orchestra will be allowed to count their band or orchestra rehearsal time as outside practice and preparation for this course. *Three hours a week, fall, winter, and spring quarters.* Professors Weaver, McCorkle.

26-27-28. COUNTERPOINT. Prerequisite, one year of harmony, music 20, 21, and 22, or their equivalent. Junior and Senior elective.

Three hours a week, fall, winter, and spring quarters. Professor Weaver.

70-71-72. COMPOSITION. Prerequisite, Music 26-27-28, or their equivalent. Junior and Senior elective.

A study of free expression of original musical ideas. *Three hours a week, fall, winter, and spring quarters.* Professor Weaver.

80-81-82. APPLIED MUSIC. Senior elective.

Open only to students who are completing the requirements for the degree A.B. in Music (see under under College of Liberal Arts in Part Five.) These courses represent the attainment of a satisfactory degree of proficiency in performance, involving piano, pipe organ, violin, or voice. Satisfactory attainment in this field is possible only after prolonged study, and it is therefore necessary, except in unusual cases, that the student carry on this type of work continuously throughout his four years of study leading to the degree. Before registering for these courses the student must secure the approval of the head of the music department. For description of fees, etc., see below under "Special Non-Credit Courses."

Special Non-Credit Courses

NOTE. The following regulations govern individual instruction in music courses, A, B, C, D, and E:

1. Practice rooms and periods are assigned at the music department office. Fee for one daily practice period in a room containing a practice piano, \$3.00 a quarter. Fee for the use of a pipe organ, 25 cents an hour.

2. After registration, all fees for the quarter must be paid to the department and receipts for such fees must be presented to the instructor before the first lesson period.

3. Regularly assigned lessons missed by the student without previous arrangement with the instructor are not to be made up or refunded for, except with the permission of the head of the department.

A. INDIVIDUAL INSTRUCTION IN PIPE ORGAN. One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, \$1.50 a lesson.* No credit. Mr. Kennedy.

B. INDIVIDUAL INSTRUCTION IN PIANO.

One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, \$1.50 a lesson.* No credit. Mr. Kennedy.

C. INDIVIDUAL INSTRUCTION IN VIOLIN.

One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, \$1.50 a lesson.* No credit. Professor McCorkle.

D. INDIVIDUAL INSTRUCTION IN VOICE.

One or more individual instruction periods a week, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, \$1.50 a lesson.* No credit. Mr. Troxell.

E. INDIVIDUAL INSTRUCTION IN BAND INSTRUMENTS.

One or more individual instruction periods a week on any brass, woodwind, or percussion instrument, hour to be arranged with the instructor. Registration should be made at the music department office, not with the University Registrar. *Fee, \$1.00 a lesson.* Professor McCorkle.

DEPARTMENT OF PHILOSOPHY

Professor WILLIAMS; Assistant Professors GREEN and EMERY.

Courses for Undergraduates

1. INTRODUCTION TO PHILOSOPHY. Open to Sophomores, Juniors, and Seniors.

This course is intended to serve as an introduction to later work in philosophy; but its main purpose is to give a general view of philosophy to those who may take no further courses in the subjects. Lectures and discussion. *Five hours a week, fall or spring quarter.* Fall quarter, Professor Emery; spring quarter, Professor Green.

2. THE HISTORY OF ANCIENT AND MEDIÆVAL PHILOSOPHY. Open to Juniors and Seniors.

A survey course beginning with the early Greek thinkers and continuing through Mediæval Philosophy. *Five hours a week, fall or winter quarter.* Fall quarter, Professor Green; winter quarter, Professor Emery.

3. THE HISTORY OF MODERN PHILOSOPHY. Open to Juniors and Seniors.

A survey course beginning with the early Renaissance thinkers and continuing through Kant and Hegel to Nietzsche. *Five hours a week, winter or spring quarter.* Winter quarter, Professor Green; spring quarter, Professor Emery.

6. CONTEMPORARY PHILOSOPHY. Open to Juniors and Seniors.

A study of the main currents of Contemporary Philosophy, including the various forms of New Realism, Pragmatism, and Idealism. *Five hours a week, spring quarter.* Professor Green.

16. PHILOSOPHICAL IDEAS IN MODERN LITERATURE. Open to Juniors and Seniors.

A study of philosophical ideas in modern literature. An effort will be made to understand something of the attitude toward life held by modern writers, including Thomas Hardy and Anatole France. Moderate amount of reading in poetry, plays, and novels of the writers studied. *Five hours a week, fall or spring quarter.* Professor Green.

Courses for Graduates and Advanced Undergraduates

7-8-9, 10-11-12. LOGIC AND CIVILIZATION.

These courses are combined into full courses for the whole session. At first interest is centered in Logic. The effort is made to see how intelligence works. Having secured a kit of tools the students are invited to put to sea. Logic should furnish an adequate chart for this voyage. We think it does. We attempt to chart the currents that constitute civilization. At the end of

the year some of the students will have begun to master the problems that are the individual edition of life. *Five hours a week, fall, winter, and spring quarters.* Professor Williams.

13-14. THE LOGIC OF SCIENCE. Open to Juniors, Seniors, and Graduates.

A course to study the mutual relations of common sense, science, and logic; the general nature of scientific inference; the basal concepts and modes of reasoning in mathematics, physical science, and biology. *Five hours a week, fall and winter quarters.* Professor Emery.

20. ETHICS. Open to Juniors, Seniors, and Graduates.

The course seeks insight into points of view rather than knowledge of detail. It will consider the subject matter and methods of ethics, its position within philosophy as a whole, various meanings of *right* and *good*, and ultimate criteria of ethical values. Lectures and discussion. *Five hours a week, spring quarter.* Professor Emery.

Courses Primarily for Graduates

121. THE INDIVIDUAL AND THE STATE.

A study of political theory, with special reference to underlying metaphysics and psychology. *Three hours a week, fall quarter.* Professor Emery.

135. SPECIAL READINGS.

Reading in a special field under the direction of a member of the Department.

140-141-142. SEMINAR IN PHILOSOPHY.

Conducted by the Department. Hours and subjects are arranged at the beginning of the year.

DEPARTMENT OF PHYSICS

Professor STUHLMAN; Associate Professor PLYLER; Instructors TRAWICK, WHITAKER; Graduate Assistant BRAUN; Teaching Fellow STEELE; Assistants SHEARIN, ZURBURG, SMITH.

Courses for Undergraduates

1-2. GENERAL PHYSICS. PART I. Sophomore, Junior, and Senior elective. Prerequisite, Mathematics 1-2, but may be elected in the winter quarter by Freshmen who are taking Mathematics 2, and have attained a grade of at least B in Mathematics 1.

Mechanics of solids, liquids, and gases; Sound and Heat. Lectures; problems; laboratory work. *Five lectures and two laboratory hours a week, fall or winter quarter. Laboratory fee, \$2.50.* Professors Stuhlman, Plyler, Messrs. Trawick, Whitaker, Braun.

GENERAL PHYSICS. PART 2. Sophomore, Junior, and Senior elective. Prerequisite, Mathematics 1-2 and Physics 1.

Light, Electricity, and Magnetism. Lectures; problems; laboratory work. *Four lecture and four laboratory hours a week, winter or spring quarter. Laboratory fee, \$4.00.* Professors Stuhlman, Plyler, Messrs. Trawick, Whitaker, Braun.

1-2-3E. PHYSICS FOR ENGINEERING STUDENTS. Required of Engineering Sophomores. Prerequisite, Mathematics 1-2-3E or equivalent.

This is a course given with special reference to the needs of students of engineering, both in the lecture work and in the laboratory, while a great deal

of problem work is given on subjects dealing with engineering. *Four lecture and two laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$2.50 a quarter.* Professor Plyler, Messrs. Trawick, Whitaker.

3. ELECTRICITY AND MAGNETISM. Junior and Senior elective. Open to Sophomores by special permission. Prerequisite, Mathematics 1-2.

A general course, but intended especially for pre-medical students. Lectures, text-books, laboratory work. *Three hours (lectures, and equivalent laboratory) a week, fall quarter.* Mr. Whitaker.

4. X-RAY, RADIO-ACTIVITY, AND ATOMIC STRUCTURE. Junior and Senior elective. Prerequisite, Mathematics 1-2, Physics 1-2.

Lectures and laboratory work. *Three hours (lectures and equivalent laboratory) a week, winter quarter.* Professor ———.

14. ASTRONOMY. Junior and Senior elective. Prerequisite, Physics 1-2.

A general course in descriptive and historical astronomy; lectures and recitations, with use of lantern slides, star-maps, telescope, etc. *Five hours a week, fall or spring quarter.* Professor ———.

Courses for Graduates and Advanced Undergraduates

5. HEAT AND THERMODYNAMICS. Prerequisite, Physics 1-2, Mathematics 4.

Lectures, problems, and laboratory work. *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, \$2.50.* Professor Plyler.

6. MECHANICS AND WAVE MOTION. Prerequisite, Physics 1-2, Mathematics 4.

Lectures, problems. *Five hours a week, winter quarter.* Professor Stuhlman.

7. MODERN ELECTRICAL THEORY. Prerequisite, Physics 1-2, Chemistry 1.

Lectures; the electron theory, atomic structure, radio-activity, etc. *Five hours a week, spring quarter.* Professor Stuhlman or Professor Plyler.

8. ADVANCED ELECTRICITY AND MAGNETISM. Prerequisite, Physics 1-2, Mathematics 4.

An introduction to the mathematical treatment of these subjects. *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, \$2.50.* Professor Plyler.

9. OPTICS. Prerequisite, Physics 1-2.

A treatment of the fundamental principles of geometrical and physical optics; lectures, problems, and laboratory work. *Four lecture and two laboratory hours a week, fall quarter. Laboratory fee, \$2.50.* Professor Stuhlman.

10. INTRODUCTION TO MATHEMATICAL PHYSICS. Prerequisite, Mathematics 4 and 10 or their equivalent.

(Offered in 1930 and alternate years.) *Five hours a week, spring quarter.* Professor Stuhlman.

12. ADVANCED GENERAL LABORATORY.

This course affords an opportunity for further training and experimental study in physics not given in other courses. *Six laboratory hours a week, every quarter. Laboratory fee, \$2.50.* Professors Stuhlman, Plyler.

13. X-RAY TECHNIQUE: BIOPHYSICS. Prerequisite, Physics 1-2.

Laboratory work in the physical aspects of X-ray apparatus, technique of photographic and fluoroscopic roentgenology, with some applications to biophysical and engineering problems. *Two lecture and eight laboratory hours a week, spring quarter. Laboratory fee, \$15.00.* Professor Stuhlman.

15-16. RESEARCH FOR SENIORS.

Professors Stuhlman, Plyler.

Courses Primarily for Graduates

115. ATOMIC STRUCTURE. Prerequisite, Physics 7, Mathematics 4.

A critical survey of the experimental and theoretical evidence in various branches of physics for the present theories of the structure of atoms and molecules, the nature of magnetism, etc. A reading knowledge of German is required. *Five hours a week, fall, winter, or spring quarters.* Professor Stuhlman.

116. MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM. Prerequisite, Mathematics 4 and 10.

General electrostatic theory; ideal electric fields; condensers with homogeneous and non-homogeneous dielectrics; general laws of conduction; thermal effects; magnetostatic fields; electro-magnetic phenomena; electric waves. *Five hours a week.* Professor Stuhlman.

117. THEORY OF LIGHT. Prerequisite, Mathematics 4 and 10.

1. Geometrical optics. 2. Physical optics. 3. Optical properties of crystals and metals. 4. Magneto-optics and radiation. A reading knowledge of French and German is required. *Five hours a week.* Professor Stuhlman.

118. THEORY OF RELATIVITY. Prerequisite, Mathematics 4 and 10.

A critical study of the experiments leading to the development of the theory of relativity; Einstein's work; study of contemporary articles on the subject. A reading knowledge of German is required. *Five hours a week.* Professor

119. THEORY OF HEAT. Prerequisite, Mathematics 5.

Conductivity. Kinetic theory of gases. Change of state. Thermodynamics. Radiation and temperature. *Five hours a week.* Professor Plyler.

141. RESEARCH.

Intended for applicants for advanced degrees. Experimental work. Subject must be assigned or approved by the professor in charge. A reading knowledge of French and German is required. Professors Stuhlman, Plyler.

NOTE. Courses in advanced Analytic Mechanics are offered by the Department of Mathematics.

DEPARTMENT OF PSYCHOLOGY

Professors DASHIELL, CRANE, BAGBY; Instructors BARKLEY, DEWICK; Teaching Fellow BAYROFF.

Courses for Undergraduates

1-2. GENERAL PSYCHOLOGY. Sophomore, Junior, and Senior elective.

The aim of the course is to present the essential phenomena of psychology as an experimental natural science. Emphasis is placed on the organic relationships within the whole field. Lectures, text-books, laboratory. *Four lecture and four laboratory hours a week, fall and winter, or winter and spring quarters. Laboratory fee, \$2.00 a quarter.* Professors Dashiell, Bagby, Messrs. Barkley, DeWick.

Courses for Graduates and Advanced Undergraduates

22. THE PSYCHOLOGY OF LEARNING. Prerequisite, Psychology 1-2.

An analysis of human training; its nature, means, and possibilities. A reading survey will be made of the outstanding experimental work on these lines. The aim will be to get an accurate and scientific notion of the subject, with

possibilities of application to various fields of applied psychology, including education and industry. Readings, discussions, experiments. *Three lecture and four laboratory hours a week, spring quarter. Laboratory fee, \$1.00.* Professor Dashiell.

25. ANIMAL PSYCHOLOGY. Prerequisite, Psychology 1-2.

Development of mind in the animal. Study of behavior as analyzable into tropisms, reflexes, instincts, habits, learning capacities, etc. Comparisons between different phyla of animals and between animals and man. Texts, lectures, and experiments. *Five hours a week, winter quarter. Laboratory fee, \$1.00.* Professor Dashiell.

26. CHILD PSYCHOLOGY. Prerequisite, Psychology 1-2.

The development of behavior in the child. The chief subdivisions to be studied are the original behavior equipment, the growth and maturation of structure, the acquisition of habits, the development of capacity, and the formation of interests. Attention will be given to conflict of interests and mental hygiene. This course is the natural introduction to courses in educational psychology. Lectures, readings, and experiments with children. *Five hours a week, fall quarter. Laboratory fee, \$1.50.* Professor Bagby.

35. ECONOMIC PSYCHOLOGY: INDUSTRIAL AND VOCATIONAL. Prerequisite, Psychology 1-2.

There will be two main divisions of the course, as follows: (1) The adjustment of the worker to his work—including industrial training, effects of incentive, monotony, and fatigue; motion study and mental hygiene in industry. (2) The selection of personnel for various kinds of work, with the industrial use of tests of intelligence and personality. An outline of vocational psychology will be given, and the psychology of salesmanship discussed. Lectures, experiments, readings. *Four lecture and two laboratory hours a week, spring quarter. Laboratory fee, \$2.00.* Professor Bagby, Mr. Barkley.

36. ECONOMIC PSYCHOLOGY: ADVERTISING. Prerequisite, Psychology 1-2.

An attempt is made to present systematically those aspects of psychology which will aid the advertiser more effectively to construct and present his advertisements. While aiming to give information of practical value, the emphasis is placed upon the establishment of a point of view which will be of assistance in the development of a general technique on the part of the advertiser. *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, \$2.00.* Professor Crane.

38. LEGAL PSYCHOLOGY. Prerequisite, Psychology 1-2.

The course is organized about some of the major problems of psychological nature with which the law is concerned; such as, the accuracy of testimony, the reliability of findings by juries, responsibility and criminal psychology, the effects of punishment, modes of detecting suppression of guilty knowledge. The aim is to obtain an accurate knowledge of the present status of each problem; and the method will be that of a natural science approach leading ultimately to implications of practical legal character. Readings, lectures, and experiments. *Five hours a week, spring quarter. Laboratory fee, \$1.00.* Professor Dashiell, Mr. Bayroff.

40. PSYCHOLOGY OF PERSONALITY. Prerequisite, Psychology 1-2.

This course is a consideration of certain of the factors upon which the quality of human adjustments depends. Emphasis is placed upon emotional reactions as primary sources of motivation and an attempt is made to indicate the most effective methods of training and of retraining the various types of emotional reactions. *Five hours a week, fall quarter.* Professor Bagby.

45. ABNORMAL PSYCHOLOGY: FEEBLE-MINDEDNESS. Prerequisite, Psychology 1-2.

Presentation of the psycho-neural aspects of feeble-mindedness in general, and of the various types, together with their importance in relation to the problems of education, dependency, and delinquency. There will be discussion and demonstration of the various clinical methods of determination and classification of feeble-mindedness. (Given alternately with Psychology 47.) *Five hours (lectures and equivalent laboratory) a week, winter quarter. Laboratory fee, \$1.00.* Professor Crane.

46. ABNORMAL PSYCHOLOGY: PSYCHONEUROSES AND PSYCHOSES. Prerequisite, Psychology 1-2.

A study is made of the more important deviations from the normally reacting and experiencing human organism. Attention is given to the sensory, imaginal, emotional, motor, etc., abnormalities and to the occurrence of these in the various psychoses. Brief surveys are given of the methods of clinical psychology and of psychotherapy. *Five hours (lectures and equivalent laboratory) a week, spring quarter. Laboratory fee, \$1.00.* Professor Crane.

47. ABNORMAL PSYCHOLOGY: METHODS OF MENTAL EXAMINATION. Prerequisite, Psychology 1-2.

A presentation of the various psychological methods used in the clinical study of individuals. This includes a study of the methods used in determination of the presence or absence of specialized defects as well as the determination of level of intelligence. Lectures, experiments, readings. (Given alternately with Psychology 45.) *Four lecture and two laboratory hours a week, winter quarter. Laboratory fee, \$2.00.* Professor Crane.

51, 52, 53. EXPERIMENTAL PROBLEMS.

To the student who finds himself especially interested in some particular problem of psychology, perhaps as growing out of the subject matter of one of the preceding courses, encouragement and opportunity are here offered for investigative study. May be elected any quarter, and for one, two, or three quarters. *One lecture and eight laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$2.00 a quarter.* Professors Dashiell, Crane, Bagby, Mr. Bayroff.

Courses Primarily for Graduates

101. ADVANCED EXPERIMENTAL PSYCHOLOGY.

A training course in the technique of psychological experimentation and research, to acquaint the student both with methods and with typical forms of apparatus. A survey will be made of experimental technique in the study of the various motor, sensory, thinking, and emotional functions, including both introspective and behavioristic approaches. *One lecture and eight laboratory hours a week, fall quarter. Laboratory fee, \$2.00.* Professor Dashiell.

102-103. RESEARCH IN PSYCHOLOGY. Prerequisite, Psychology 101.

Opportunity will be given for the experimental investigation of special problems along the line of the individual student's interests. The personal and material resources of the department are here especially offered. *Ten laboratory hours a week, winter and spring quarters. Laboratory fee, \$2.00 a quarter.* Professors Dashiell, Crane, Bagby.

105. PHYSIOLOGICAL PSYCHOLOGY.

An intensive study is made. Emphasis is placed upon the neural mechanism as a basis of understanding both the mental and the reaction phenomena of psychology. *Five hours (lectures and equivalent laboratory) a week, fall quarter. Laboratory fee, \$2.00.* Professor Crane.

106. CONTEMPORARY PSYCHOLOGICAL TENDENCIES.

A systematic survey of the more outstanding recent and contemporary movements in modern psychology. Readings assigned in the works of Wundt and Titchener, James, Hall, McDougall and Stout, Thorndike, Watson, Freud, Jung, Köhler, Koffka, and perhaps others. *Five hours a week, spring quarter.* Professor Dashiell.

108. SOCIAL PSYCHOLOGY.

Several relatively unrelated problems are treated in this course. The feeble-minded, the insane, and the criminal types are characterized, and suggestions are offered for the solution of the social problems involved. The immigration policy of the United States is critically studied from a psychological point of view. Typical mob reactions, especially lynching episodes, are analysed. Finally, a study is made of the conditions conducive to the development of national spirit and other forms of loyalty. *Five hours a week, winter quarter.* Professor Bagby.

The student is referred also to courses in Educational Psychology given by Professors Jordan and Trabue in the Department of Education, numbers 20, 43, 64, and 110, and in Neurology, Anatomy 6, given by Professor Mangum in the School of Medicine.

DEPARTMENT OF ROMANCE LANGUAGES

Professors DEY, LEAVITT, HOLMES; Associate Professors HUSE, ADAMS, STAAB, KANE; Assistant Professors WILSON (Secretary), LYONS; Instructors SMITH, STOUDEMIRE, WRIGHT, BARKER, SALLEY, FENLEY, LINKER, MCKEE, DOWNS, CARROLL, RADOFF; Teaching Fellows LIPSCOMB, BOARDMAN, WHITE; Assistant JENNINGS.

FRENCH

Courses for Undergraduates

1-2. ELEMENTARY FRENCH.

Essentials of French Grammar. Special drill in pronunciation. It is aimed to make this course as practical as possible, with much oral work. This course may be counted for credit by those only who fulfill the requirements for the degree in two other foreign languages and provided it is followed by French 3-4. Course 2 will be given in the fall also. *Five hours a week, fall and winter, or winter and spring quarters.* Professor Lyons, Messrs. Smith, Wright, Barker, Fenley, Linker, Downs, Carroll, Radoff.

NOTE. No student is permitted to take French 1 or 2 and Spanish 1 or 2 at the same time.

3-4. INTERMEDIATE FRENCH. Freshman and Sophomore elective.

Reading of modern French literature, frequent composition, and dictation. Course 4 will be given in the fall also. *Five hours a week, fall and winter, or winter and spring quarters.* Professors Huse, Staab, Wilson, Messrs. Smith, Wright, Barker, Fenley, McKee, Carroll, Radoff.

5. INTRODUCTION TO FRENCH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, French 3-4.

Introduction to the study of French literature. A general survey of French literature during the 17th century, with some reference to preceding literary movements. Reading of plays of Corneille, Racine, and Molière. *Five hours a week, every quarter.* Professors Dey, Holmes, Huse, Lyons, Wilson, Messrs. Smith, Barker, Fenley, McKee.

6. MODERN FRENCH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, French 5.

A general survey of French literature since the classical period with special stress on the 19th century. *Five hours a week, every quarter.* Professors Holmes, Lyons, Mr. Fenley.

7. FRENCH CONVERSATION AND COMPOSITION. Junior and Senior elective. Prerequisite, French 5.

The object of this course is to provide students with an opportunity to acquire practice in spoken French. Discussions in French on subjects of general interest. Composition and outside reading. *Five hours a week, fall or spring quarter.* Professor Lyons.

8. FRENCH CIVILIZATION. Junior and Senior elective. Prerequisite, French 7.

A rapid survey of the history of France, with emphasis on political and economic developments necessary to an understanding of the present situation. History and discussion of French institutions, with some reference to the history of French art and French music. All lectures, discussions, and reports on collateral reading are in French. *Five hours a week, winter quarter.* Professor Lyons.

9. COMMERCIAL FRENCH. Open to students in the School of Commerce only. Prerequisite, French 5.

The object of this course is to give the student practical training in modern French. Newspaper and magazine articles dealing with the life and customs of the country will be read. Practice in social and commercial correspondence. This course will be largely conducted in French. *Five hours a week, fall or spring quarter.* Professor Staab.

Courses for Graduates and Advanced Undergraduates

11. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Prerequisite, French 6.

A study of the period of Henry IV and Louis XIII. *Five hours a week, fall quarter.* Professor Wilson.

12. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Prerequisite, French 6.

This course will deal with the literature of the reign of Louis XIV. *Five hours a week, winter quarter.* Professor Wilson.

13. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY. Prerequisite, French 6.

Voltaire, Montesquieu, Rousseau, les Encyclopédistes. A study of the literary movement of the century and of the origins of romanticism. (Offered in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Huse.

14. FRENCH PHONETICS. Prerequisite, French 5.

A detailed study of the French vowel and consonant sounds by the phonetic method. This course is required of candidates for the master's degree, and it should be elected by anyone who intends to teach French. *Five hours a week, fall quarter.* Professor Dey.

15. THE FRENCH ROMANTIC MOVEMENT. Prerequisite, French 6.

French literature from 1800 to 1850, with special stress on the works of the romantic poets, Lamartine, Hugo, Vigny, and Musset. Lectures, reading, reports. *Five hours a week, fall quarter.* Professor Dey.

16. FRENCH LITERATURE SINCE 1850. Prerequisite, French 6.

A study of the later literary movements of the 19th century, with some emphasis on the contemporary period. Lectures, readings, reports. *Five hours a week, winter quarter.* Professor Dey.

18. THE FRENCH DRAMA. Prerequisite, French 6.

A rapid survey of the French drama from the beginning to the 19th century. *Five hours a week, spring quarter.* Professor Wilson.

19. THE FRENCH NOVEL. Prerequisite, French 6.

A study of the development of the novel in France. Lectures, readings, reports. (Offered in 1930-1931 and in alternate years.) *Five hours a week, winter quarter.* Professor Dey.

24. FRENCH LYRIC POETRY. Prerequisite, French 6.

A study of French lyric poetry, beginning with Villon. Lectures, readings, reports. *Five hours a week, spring quarter.* Professor Huse.

26. HISTORY OF THE FRENCH LANGUAGE. Prerequisite, French 6.

A general survey from the origins to the present day, with especial emphasis upon the period, 1500-1900: the influence of the Erudits, Précieuses, Philosophes, and Romanticists; spelling reforms. *Five hours a week, winter quarter.* Professor Holmes.

Courses Primarily for Graduates

101. STUDIES IN ROMANTICISM. Prerequisite, French 15.

Seminar course. Intensive study of one of the romantic poets. (Offered in 1929-1930 and in alternate years.) *Five hours a week, spring quarter.* Professor Dey.

105-106. FRENCH LITERATURE OF THE RENAISSANCE.

A study of French literature of the Sixteenth Century. Italian and French Humanism. The reformation. Marot, Rabelais, Calvin, the Pléiade, Montaigne. (Offered in 1930-1931 and in alternate years.) *Five hours a week, winter and spring quarters.* Professor Lyons.

108. FRENCH LITERATURE OF THE 14TH AND 15TH CENTURIES. Prerequisite, French 105 or 121.

A combination of literary survey and reading course. Especial attention will be paid to Villon, who will be read entire with commentary. General treatment of such writers as Machaut, Froissart, Christine de Pisan, etc. (Offered in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

110. HISTORY OF FRENCH LITERATURE PRIOR TO 1300.

Lectures and seminar papers. A complete and careful study of the origins of French literature, with emphasis upon the twelfth century Renaissance, the period of the epics, beginning of romances, etc. French 121 is desired, though not a prerequisite. (Offered in 1929-1930 and in alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

121-122-123. OLD FRENCH.

Reading of the oldest texts: La Chanson de Roland; Aucassin et Nicolette; Chrétien de Troyes. Lectures on French Phonology and Morphology. *Five hours a week, fall, winter, and spring quarters.* Professor Holmes.

125. PROVENÇAL.

A study of the ancient language and literature of Provence. The poetry of the Troubadours. (Offered in 1929-1930 and in alternate years.) *Five hours a week, spring quarter.* Professor Holmes.

131. FRENCH SYNTAX.

The most important phases of modern French syntax studied from a historical point of view. (Offered in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Dey.

141. RESEARCH.

Research in a special field under the direction of a member of the department.

CELTIC 105. MIDDLE IRISH.

Grammar and reading of texts. Dottin, *Manuel de l'Irlandais Moyen, Táin Bó Cúailnge* (supplement to *Eriu*). *Five hours a week, winter quarter.* Professor Holmes.

SPANISH**Courses for Undergraduates****1-2. ELEMENTARY SPANISH.**

Essentials of Spanish grammar. Special drill in pronunciation. Reading of selected texts, with much oral drill. This course may be counted for credit by those only who fulfill the requirements for the degree in two other foreign languages and provided it is followed by Spanish 3-4. Course 2 will be given in the fall also. *Five hours a week, fall and winter, or winter and spring quarters.* Professor Kane, Messrs. Stoudemire, Salley.

NOTE: No student is permitted to take Spanish 1 or 2 and French 1 or 2 at the same time.

3-4. INTERMEDIATE SPANISH. Freshman and Sophomore elective. Prerequisite, Spanish 1-2 or the equivalent.

Reading of modern Spanish literature, composition, and dictation. Course 4 will be given in the fall also. *Five hours a week, fall and winter, or winter and spring quarters.* Professor Adams, Messrs. Stoudemire, Salley.

5. INTRODUCTION TO SPANISH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, Spanish 3-4.

Introduction to the study of Spanish literature. Reading of masterpieces of the 19th and 20th Centuries. Class lectures and discussions of important figures of Spanish literature. *Five hours a week, every quarter.* Professors Leavitt, Adams, Mr. Stoudemire.

6. MODERN SPANISH LITERATURE. Sophomore, Junior, and Senior elective. Prerequisite, Spanish 5.

A general survey of Spanish literature up to the end of the 17th century. Readings from the picaresque novels and the drama of the Siglo de Oro. *Five hours a week, every quarter.* Professor Kane.

8. TEACHERS' COURSE. Junior and Senior elective. Prerequisite, Spanish 5.

General course in Spanish phonetics. Discussion of teachers' problems. This course should be elected by those who intend to teach Spanish. *Three hours a week, spring quarter.* Professor Adams.

9. COMMERCIAL SPANISH. Open to students in the School of Commerce only. Prerequisite, Spanish 5.

The object of this course is to give the student practical training in modern Spanish. Newspapers and magazine articles dealing with the life and customs of South America will be read. Practice in social and commercial correspondence. This course will be largely conducted in Spanish. *Five hours a week, winter or spring quarter.* Professor Leavitt.

Courses for Graduates and Advanced Undergraduates

11. LOPE DE VEGA AND HIS CONTEMPORARIES. Prerequisite, Spanish 6.

Reading of representative plays of Lope de Vega, Tirso de Molina, Guillén de Castro, Ruiz de Alarcón, etc. Lectures and reports. (Offered in 1929-1930 and in alternate years.) *Five hours a week, fall quarter.* Professor Leavitt.

12. CALDERON AND HIS CONTEMPORARIES. Prerequisite, Spanish 6.

Reading of representative plays of Calderón de la Barca, Moreto, Rojas, etc. Lectures and reports. (Offered in 1929-1930 and in alternate years.) *Five hours a week, winter quarter.* Professor Leavitt.

15. EARLY LYRIC POETRY. Prerequisite, Spanish 6.

A survey of lyric poetry in the Spanish peninsula from the origins through the Siglo de Oro. (Offered in 1929-1930 and in alternate years.) *Five hours a week, fall quarter.* Professor Adams.

16. MODERN LYRIC POETRY. Prerequisite, Spanish 6.

Brief treatment of the poetical schools of Seville and Salamanca in the eighteenth century and study of Spanish lyric poetry through the nineteenth century to the present day. (Offered in 1929-1930 and in alternate years.) *Five hours a week, winter quarter.* Professor Adams.

17. SPANISH DRAMA OF THE NINETEENTH CENTURY. Prerequisite, Spanish 6.

Reading of representative plays of this period. Lectures, oral and written reports. (Offered in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Leavitt.

18. MODERN SPANISH DRAMA. Prerequisite, Spanish 6.

Reading of plays of Dicenta, Benavente, Linares Rivas, the Alvarez Quintero brothers, Marquina, Martínez Sierra, etc. Lectures, oral and written reports. (Offered in 1930-1931 and in alternate years.) *Five hours a week, winter quarter.* Professor Leavitt.

19. EARLY SPANISH PROSE FICTION. Prerequisite, Spanish 6.

A study of the origins and developments of the novel in Spain up to the time of Cervantes. (Offered in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Adams.

20. THE SPANISH NOVEL. 1605-1898. Prerequisite, Spanish 6.

A survey of the novel from Cervantes through the nineteenth century. (Offered in 1930-1931 and in alternate years.) *Five hours a week, winter quarter.* Professor Adams.

21. MODERN SPANISH NOVELISTS. Prerequisite, Spanish 6.

A study of the "Generation of '98," with consideration of present day tendencies. (Offered in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Adams.

Courses Primarily for Graduates

121-122. EARLY SPANISH.

Ford's *Old Spanish Readings*. The Poem of the Cid. Spanish literature to the sixteenth century. *Five hours a week, fall and winter quarters.* Professor Kane.

123. **EARLY SPANISH LITERATURE.** Prerequisite, Spanish 121-122. Seminar course. Intensive study of one representative author of this period. *Five hours a week, spring quarter.* Professor Kane.

127. **SPANISH ROMANTICISM.** Seminar course. General survey of the Romantic period in Spain and investigation of special problems. (Offered in 1929-1930 and in alternate years.) *Five hours a week, spring quarter.* Professor Adams.

131. **INTRODUCTION TO SPANISH-AMERICAN LITERATURE.** A study of notable authors and consideration of present-day writers. (Offered in 1930-1931 and alternate years.) *Five hours a week, spring quarter.* Professor Leavitt.

141. **RESEARCH.** Research in a special field under the direction of a member of the department. Attention is called to Comparative Literature 58.

ITALIAN

Courses for Undergraduates

1. **ELEMENTARY COURSE.** Junior and Senior elective. Prerequisite, French 3-4 or Spanish 3-4.

Grammar, pronunciation, oral and written exercises. Reading of modern Italian texts. *Five hours a week, winter quarter.* Professor Huse.

2. **MODERN ITALIAN LITERATURE.** Junior and Senior elective. Prerequisite, Italian 1.

Continuation of course 1 with readings from modern Italian poets, dramatists, and novelists. *Five hours a week, spring quarter.* Professor Huse.

Courses for Graduates and Advanced Undergraduates

11. **ITALIAN LITERATURE OF THE RENAISSANCE.** Prerequisite, Italian 1 and 2.

Readings from the principal authors, with special emphasis on Ariosto, Machiavelli, Castiglione, and the lyric poets. Collateral reading on the history of Italian culture during the Renaissance. *Five hours a week, winter quarter.* Professor Huse.

12. **DANTE.** Prerequisite, Italian 1 and 2.

The *Vita Nuova* and the *Inferno*, with some reference to origins of Italian literature and to the poets of the *Dolce stil nuovo*. (Offered in 1929-1930 and in alternate years.) *Five hours a week, spring quarter.* Professor Huse.

13. **DANTE.** Prerequisite, Italian 12.

The *Purgatorio* and the *Paradiso*. (Offered in 1930-1931 and in alternate years.) *Five hours a week, spring quarter.* Professor Huse.

56. **DANTE IN ENGLISH TRANSLATION.** Junior, Senior, and Graduate elective.

The *Vita Nuova* and the *Divine Comedy*; the precursors of Dante and the poets of the *dolce stil nuovo*. Special studies of Dante's political and social philosophy, with particular emphasis on Dante as a poet and as a guide. *Five hours a week, fall quarter.* Professor Huse.

Course Primarily for Graduates

121. OLD ITALIAN.

Reading of the poets previous to Dante. Early monuments. Survey of phonology and morphology. (Offered in 1930-1931 and in alternate years.) *Five hours a week, fall quarter.* Professor Holmes.

DEPARTMENT OF RURAL SOCIAL ECONOMICS

Professor BRANSON; Associate Professor HOBBS; Assistant Professor WAGER.

Courses for Undergraduates

1-2. RURAL ECONOMICS. Junior and Senior elective.

A formal course in the principles of rural economics, with special attention given to the economics of agriculture in North Carolina and the South. References: Gray's *Agricultural Economics*; Carver's *Principles of Rural Economics*; Taylor's *Outlines of Agriculture Economics*. *Five hours a week, fall and winter quarters.* Professor Hobbs.

3. HISTORY OF AGRICULTURE. Junior and Senior elective.

This course traces the development of agriculture from its earliest beginnings to the present: earliest beginnings; Rome and Greece; later agriculture in Europe; American agriculture. References: Gras, *A History of Agriculture*; Schmidt and Ross, *Readings in the Economic History of American Agriculture*; special readings. *Five hours a week, spring quarter.* Professor Hobbs.

5. RURAL SOCIOLOGY. Junior and Senior elective.

Country Life Institutions. Text: Lundquist and Carver's *Principles of Rural Sociology*. Collateral readings, Galpin's *Rural Life*; Butterfield's *Chapters in Rural Progress*. *Five hours a week, fall quarter.* Professor Wager.

6. RURAL SOCIOLOGY. Junior and Senior elective.

Country Life Problems. Text: Boyle's *Rural Problems in the United States*. Collateral readings, *Reports of the Country Life Commission*; Plunkett's *Rural Life Problems of the United States*; Galpin's *Rural Social Problems*. *Five hours a week, winter quarter.* Professor Wager.

7. RURAL SOCIOLOGY. Junior and Senior elective.

Country Life Agencies. Text: Sanderson's *The Farmer and His Community*; Wilson's *Evolution of the Country Community*; Taylor's *Rural Sociology*. *Five hours a week, spring quarter.* Professor Wager.

9-10-11. LABORATORY COURSE IN RURAL ECONOMICS AND SOCIOLOGY. Junior and Senior elective. Corequisite, 1-2 or 5-6-7.

Home-state studies, home-county studies, research work, and surveys. Hours arranged to suit the convenience of the student. *Ten laboratory hours a week, fall, winter, and spring quarters.* Professors Branson, Hobbs, Wager.

12-13-14. LABORATORY COURSE ON THE HOME COUNTY. Junior and Senior elective.

Studies in the economic and social conditions of the home county with a view to the publication of a county survey or a county geography supplement. Arranged especially to meet the needs of county organizations at the University. Hours arranged to suit the convenience of the student. *Nine hours laboratory and one hour seminar a week, fall, winter, and spring quarters.* Professor Wager.

15. THE RURAL COUNTY AND ITS INSTITUTIONS. Junior and Senior elective.

A course designed to familiarize rural leaders with the county as a unit of social organization. The county is examined as a unit of education, public health, public welfare, library service, material and cultural development. An analysis is made of existing institutions and of proposed adjustments. Attention is given to the civic attitudes manifested in the county, and the quality of leadership found. Source material will be drawn from county newspapers and from the forty-odd studies of county affairs already completed by the Institute for Research in Social Science. *Five hours a week, spring quarter.* Professor Wager.

20. NORTH CAROLINA: ECONOMIC AND SOCIAL. Junior and Senior elective.

This course is designed to familiarize the student with North Carolina: population, agriculture, resources, social life, economic development, industry. *Five hours a week, fall or spring quarter.* Professor Hobbs.

21. AGRICULTURAL CO-OPERATION. Junior and Senior elective.

Lecture and research. History of agricultural coöperation, principles of coöperation, coöperative organization, rural credits, and coöperative marketing. *Five hours a week, winter quarter.* Professor Hobbs.

Courses for Graduates

105abc. RURAL SOCIAL PROBLEMS.

Designated readings on and class discussions of (1) the solitary farmstead and the country community, (2) farm tenancy, (3) country illiteracy, (4) the country school, (5) the country church, and (6) rural citizenship. *Five hours a week, fall, winter, and spring quarters.* Professor Branson.

113abc. RURAL ECONOMICS.

Research, seminars, and field investigations in (1) land economics—resources, values, ownership and tenancy, laws and policies; (2) farm organization and management—farm systems, farm finance, distribution of farm products and the farm income, coöperative farm enterprise; (3) country wealth, country institutions and problems; (4) state and county studies, economic, social, and civic; county bulletins, etc. Required preliminary preparation; approved courses in general and rural economics. Lacking such preparation, collateral courses in these subjects must be taken in residence here. *Five hours a week, fall, winter, and spring quarters.* Professors Branson, Hobbs, Wager.

117abc. RURAL SOCIAL PROBLEMS.

1. Research, seminars, and field investigations of (1) rural social institutions and agencies, (2) transportation and communication facilities in rural areas, (3) country-mindedness and its sequences, (4) town and country interdependences, (5) social disability in country areas, our public welfare laws and agencies, (6) social aspects of tenancy and illiteracy, (7) state and county studies, economic, social, and civic; county bulletins, etc. 2. Rural Social Surveys; research, technic, and field work. 3. Statistics; interpretation and use. 4. Rural Social Engineering: (1) county community studies; (2) community organization, economic and social; (3) county government; (4) country leadership, requisites and technic. Required preliminary preparation, approved courses in general and rural sociology. Lacking this, collateral courses in these subjects must be taken in residence here. *Five hours a week, fall, winter, and spring quarters.* Professors Branson, Hobbs, Wager.

DEPARTMENT OF SOCIOLOGY

Professors *ODUM, MEYER, BERNARD; Research Professors GROVES, WOOFER; Associate Professor SANDERS; Acting-Associate Professor DUNCAN; Research Associates JOHNSON, BROWN, VANCE; Instructor BROOKS; Teaching Fellow SHANKWEILER.

Courses for Undergraduates

1. INTRODUCTION TO SOCIOLOGY. Sophomore, Junior, and Senior elective.

A course in the elements of social theory and its application to modern social problems and relations to other social sciences. Study and analysis of such factors as population, institutions, social movements, social structure, and social organization for the purpose of giving the student a working knowledge of the nature of society. *Five hours a week, every quarter.* Professors Meyer, Sanders, Mr. Brooks.

3. PRINCIPLES OF SOCIOLOGY. Junior and Senior Elective.

The fundamental factors producing society, the forms of social relationship, the development of social organization and control, and the major processes of social adjustment. *Five hours a week, winter and spring quarters.* Professor Bernard.

3. STATISTICS AND STATISTICAL METHODS. Junior and Senior elective. NOTE: See Education 43.

A brief survey of the field of theoretical statistics, with a thorough mastery of the elements of numbering, averages, modes, medians, variations, and scientific principles involved. Special emphasis will be placed upon practical methods of utilizing statistics, the recognition of facts, gathering data, compiling, platting, conclusions, and the special application of statistics to social phenomena. *Five hours a week, winter quarter.* Professors Odum, Trabue.

5. EDUCATIONAL SOCIOLOGY.

Education as a process of social control and achievement. The social resources of the school and other educational resources. Social problems of the teacher. *Five hours a week, winter quarter.* Professor Groves.

5. NEGRO PROBLEMS.

A study of the race problems of the South, with consideration of the history, economic and social status, and future of the Negro. Standards of measurement for race progress; race relationships; the specific problems of the here and now of Southern race relations. *Five hours a week, fall quarter.* Professor Woofor or Mr. Johnson.

6. PROBLEMS OF IMMIGRATION.

A study of immigrant backgrounds; the problems confronting the immigrant and the problems created by his presence in the United States; the processes involved in the assimilation of the immigrant, his children, and his grandchildren into our cultural life. *Five hours a week, fall quarter.* Professor Duncan.

NOTE—The following courses in Sociology—8, 9, and 40—are not open to students in the College of Liberal Arts during the session 1929-1930.

8. COMMUNITY ORGANIZATION.

The community as a unit of work, problems of modern community life, principles underlying community organization, experiments in methods of com-

* Absent on leave, 1928-1929.

munity organization, development and coördination of community activities illustrated by case records, problems of community leadership. A critical review of the role of custom, habit, crisis, and gregariousness in community development. Special attention is given to the place of the crowd spirit in community work and to effective means of achieving community solidarity. An evaluation of community forces with a view to discovering the principles involved in their organization and coördination. (Not to be given in 1929-1930.) *Five hours a week, fall quarter.* Professor ———.

9. ADMINISTRATION OF COMMUNITY WORK.

A general survey of typical experiments in community organization; development and coördination of community activities illustrated by case records; a comparative study of methods and administration with special attention to problems of central financing of social agencies; qualifications for leadership in community work. (Not to be given 1929-1930.) *Five hours a week, spring quarter.* Professor ———.

10. THE STUDY OF SOCIAL PROBLEMS. Sophomore, Junior, and Senior elective.

The study of Modern Social Problems. Part I. The individual in relation to society. Part II. The Modern Problems classified in accordance with the six major social institutions. Part III. Democracy, Public Welfare, and Social Progress. *Five hours a week, every quarter.* Professors Meyer, Sanders, Mr. Brooks.

11. MARRIAGE AND THE FAMILY.

A discussion of the problems of marriage and the family and their relation to contemporary social conditions with emphasis upon normal and successful matrimony and parenthood. *Five hours a week, spring quarter.* Professor Groves.

12. CRIME AND ITS SOCIAL TREATMENT.

Nature and causes of crime; evolution of modern methods of criminal procedure; administration of penal and reformatory institutions; programs for the social treatment of the criminal; the problems of juvenile delinquency. The class work will be supplemented by field trips to criminal courts and penal institutions. *Five hours a week, winter quarter.* Mr. Brown.

13. SOCIAL PATHOLOGY.

A survey of the abnormal and pathological aspects of society. Among the problems studied are feeble-mindedness, insanity, physical defectiveness, malnutrition, alcoholism, prostitution, vagrancy, family disorganization. Emphasis is given to methods of treatment by private and public institutions and agencies. Case work is supplemented by field trips to county and state institutions. *Five hours a week, spring quarter.* Mr. Brown.

14. FAMILY CASE WORK.

Discussion of the relation of the individual to the family and the family to the community. The technique of case work and its scientific approach—methods of investigation, interviewing, social evidence, sources, diagnosis, treatment. Class work is supplemented by visits to social agencies in neighboring cities and by field work under the supervision of members of the staff of the School of Public Welfare. *Five hours a week, fall or spring quarter.* Professor Sanders.

15. ADVANCED FAMILY CASE WORK.

A continuation of Sociology 14, with more intensive study of case work. *Five hours a week, winter or spring quarter.* Professor Sanders.

23. THE THEORY OF PLAY AND RECREATION.

The theories of play, play activities, attitudes, history of the play movement, play leadership, programs, values, sex and age differences, classification of movements, application to community life. *Three hours a week, winter quarter.* Professor Meyer.

24. THE PRACTICE OF PLAY AND RECREATION.

Play ground plans, equipment, activities, practical programs, play analysis, methods of game instruction, organization and club work, camp life, special holiday activities, play forms—simple imitation, story plays, rhythmic plays, contests, goal games, tag games, team games. *Three hours a week, spring quarter.* Professor Meyer.

25. EXTRA-CURRICULAR ACTIVITIES IN THE SCHOOL COMMUNITY.

Clubs, student participation in School Government, physical education, publicity in School Publications, commencement, many miscellaneous topics—the assembly, festival days, suggestions to leaders, home room activities, programs, dramatics, point systems, contributions from National Agencies interested in Extra-Curricular Activities, theoretical and practical studies of institutions promoting successful programs, bibliographical materials. *Three hours a week, fall quarter.* Professor Meyer.

28. JUVENILE DELINQUENCY.

This course deals with the diagnosis and treatment of juvenile delinquency from the social worker's viewpoint. Under *diagnosis* will be taken up the methodology of the social scientists in this field, and the evaluation of the different causative factors of juvenile delinquency. Under *treatment* will be covered the work of the juvenile court, probation, parole, and institutional care. *Five hours a week, winter or spring quarter.* Professor Sanders.

29. THE PUBLIC CARE OF CHILDREN.

This course is intended primarily for students who expect to follow social work as a profession. The major part of the course will be devoted to the study of the methods and technique of the social agencies engaged in the social treatment of the different classes of children who stand in need of public care and protection, such as, the delinquent child, the dependent or neglected child, the defective child, and children in employment. The latter part of the course will be devoted to a discussion of public responsibility for the welfare of children in general, especially from the standpoint of education, health, and maintenance. *Five hours a week, winter quarter.* Professor Sanders.

40. THE ORGANIZATION AND ADMINISTRATION OF PUBLIC WELFARE.

1. The organization of Public Welfare in the United States. 2. Detailed study of the North Carolina Plan. 3. Office Organization and Administration. Alternates with 41. (Not given in 1929-1930.) *Five hours a week, fall quarter.* Professor Brown.

41. SOCIAL LAWS.

The development of social legislation pertaining to important social problems. Special attention to social laws of North Carolina. Alternates with 40. (Given in 1929-1930.) *Five hours a week, fall quarter.* Professor Brown.

45. SOCIAL ANTHROPOLOGY.

The origins, types, development, and distribution of culture, with emphasis upon the modern cultural environment and its selective influence. *Five hours a week, fall quarter.* Professor Bernard.

Courses Primarily for Graduates

105. SOCIAL ORIGINS AND SOCIAL CHANGE.

The factors producing cultural change and the effects of cultural accumulation, cultural conflicts, and cultural dominance. *Five hours a week, fall quarter.* Professor Bernard.

107. THE ADVANCED STUDY OF SOCIAL PROBLEMS.

A general course integrating social problems and social theory with the following general divisions: teacher and student, a general approach, the spirit and method of science, society and the good life, the individual, leadership, social change and social problems, physical background of society, social incidence and social emergencies, international, national, and regional problems, race, the Negro in America, immigration and social population, the family, community, the city, problems of country life, business, labor, maladjustment and social waste, social planning, social work and public welfare, social progress, values, social science and guidance. *Five hours a week, fall, winter, or spring quarter.* Professor Odum.

108. METHODS IN SOCIAL RESEARCH.

Outlines of social research including the spirit of scientific research, social research and the new alignment of the social sciences, the historical approach to the social sciences, the qualifications of the social research specialist, the divisions and general methods of social science, types of method and approach: the statistical, the survey; the experimental, the case; the biological, the psychological; the anthropological or comparative, the historical; the range of general sources, research agencies and groups, reading and bibliography as tools, the utilization of notes and records, schedules, questionnaires and forms, common sense technique, preparation of manuscript and publication, examples of social research and bibliographies. *Five hours a week, fall quarter.* Professors Odum, Woofter.

109. SOUTHERN REGIONAL SOCIAL PROBLEMS.

An extended survey of the field of regional social problems in the Southern states, classified and grouped under certain sociological categories and physical backgrounds, cultural patterns, processes of social change, social incidence, individual and social differentiation, institutions and leadership, social programs, social science, and social research. Topical analysis and extensive questions supplemented with concrete data and special thorough study of given selected problems. *Five hours a week, winter quarter.* Professor Odum.

121. ADVANCED PRINCIPLES OF SOCIOLOGY.

A graduate course in the study of advanced social theory and research into selected aspects of the field. *Five hours a week, winter or spring quarter.* Professor Bernard.

122. EDUCATIONAL SOCIOLOGY.

An advanced course in the study of scientific programs of social progress. Objective measurement of social influences and social groups. Research into some specific problems relating to one of the large institutions. *Five hours a week, winter or summer quarter.* Professor Groves.

123. HISTORICAL SOCIOLOGY.

A study of the leading social theorists and their contributions to human thought and welfare. Research into the theories of some selected writer. *Five hours a week, spring quarter.* Professor Odum.

127-128-129. GRADUATE RESEARCH SEMINARS.

Research in selected topics. *Five hours a week, fall, winter, and spring quarters.* Professor Odum.

130-131-132. GRADUATE RESEARCH SEMINARS.

Research in special topics. *Five hours a week, fall, winter, and spring quarters.* Professor Groves.

134. EUROPEAN SOCIOLOGY.

The development of social thinking from the earliest times to the present, with particular emphasis upon recent trends and schools. *Five hours a week, fall quarter.* Professor Bernard.

135. AMERICAN SOCIOLOGY.

Social thought in the nineteenth and twentieth centuries, stressing especially the recent tendencies in sociological theory and investigation. *Five hours a week, winter quarter.* Professor Bernard.

136. RECENT SOCIOLOGICAL THEORY.

An intensive developmental study of some phase of recent sociological theory. The field selected will vary from year to year. In 1929 Cultural Sociology has been chosen, and in 1930 Psychological Sociology will probably be covered. *Five hours a week, spring quarter.* Professor Bernard.

141. SEMINAR.

Individual research in a special field under the direction of a member of the Department.

DEPARTMENT OF ZOOLOGY

Professors WILSON, COKER; Assistant Professor BEERS; Teaching Fellow REYNOLDS; Assistants YODER, MISS DEVINEY, WATKINS, STONE, FAGAN.

Courses for Undergraduates

1 (a) FUNDAMENTALS OF ANIMAL BIOLOGY. Sophomore, Junior, and Senior elective. Required accompanying course, Zoölogy 1 (b).

Elements of anatomy, physiology, and classification of animals. *Three hours a week, fall or winter quarter.* Professor Coker.

1 (b). PRACTICAL STUDIES IN ANIMAL BIOLOGY. Sophomore, Junior, and Senior elective. Required accompanying course, Zoölogy 1 (a).

Dissection of animals and study of tissues, to give the foundation for an understanding of the organization and functions of vertebrate animals and especially of man. *One lecture and four laboratory hours a week, fall or winter quarter. Laboratory fee, \$5.00.* Professor Coker and Assistants.

2 (a). DEVELOPMENT OF ANIMALS. Sophomore, Junior, and Senior elective. Prerequisite, Zoölogy 1 (ab).

Basic facts and theories of individual development, heredity, and evolution. *Three hours a week, spring quarter.* Professor Wilson.

2 (b). INVERTEBRATE ZOOLOGY. Sophomore, Junior, and Senior elective. Prerequisite, Zoölogy 1 (ab).

Study of invertebrate animals as examples of the varied forms of life and as concrete illustrations of the principles of biology. Field trips are made for the purpose of observing animals in nature. *One lecture and four laboratory hours a week, spring quarter. Laboratory fee, \$5.00.* Professor Coker and Assistants.

Courses for Graduates and Advanced Undergraduates

3. COMPARATIVE ANATOMY OF VERTEBRATES. Prerequisite, Zoölogy 1 (ab) and 2 (ab).

Dissection of types especially amphioxus, petromyzon, fish, fowl, rabbit. Laboratory work with occasional lectures. *Ten laboratory hours a week, fall quarter. Laboratory fee, \$5.00.* Professor Wilson.

4. COMPARATIVE EMBRYOLOGY OF VERTEBRATES. Prerequisite, Zoölogy 1 (ab) and 2 (ab).

Maturation and fertilization phenomena in some invertebrate types; segmentation and formation of germ layers in frog and teleost fish; germ layers and development of characteristic vertebrate organs in chick; essentials of microscopic technique. Laboratory work with occasional lectures. *Ten laboratory hours a week, winter quarter. Laboratory fee, \$5.00.* Professor Wilson.

5. COMPARATIVE HISTOLOGY OF VERTEBRATES. Prerequisite, Zoölogy 4.

Microscopic preparations of selected tissues and organs are made from the fresh animal and studied with the help of texts and original papers. Laboratory work with assigned reading and seminar reports. *Ten laboratory hours a week, spring quarter. Laboratory fee, \$5.00.* Professor Beers.

6-7-8. MORPHOLOGY AND CLASSIFICATION OF THE INVERTEBRATES. Prerequisite, Zoölogy 1 (ab) and 2 (ab).

Dissection and microscopic study of types of the chief orders, with some consideration of life histories; systematic diagnosis. Laboratory work with occasional lectures. *Six laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$3.00 a quarter.* Professor Wilson.

9. INTRODUCTION TO HYDROBIOLOGY. Junior and Senior elective. Prerequisite, Zoölogy 1 (ab) and 2 (ab).

A study of animal life in water, with special reference to the relation of animals to each other and to their environments. Field and laboratory work, lectures, reading of special papers, discussions. *Five hours (lectures and equivalent laboratory) a week, fall quarter. Laboratory fee, \$5.00.* Professor Coker.

10. INTRODUCTION TO PROTOZOOLOGY. Junior and Senior elective. Prerequisite, Zoölogy 1 (ab) and 2 (ab).

A consideration of the structure, classification, and life histories of the one-celled animals, with special reference to those of medical importance—in particular, the intestinal protozoa and the causative agents of malaria and the sleeping sicknesses. *Lectures and demonstrations, five hours a week, winter quarter.* Professor Beers.

Courses Primarily for Graduates

109-110-111. GENERAL EMBRYOLOGY AND REGENERATION.

Embryology and regeneration in the lower metazoa and simpler vertebrates. *Not less than ten laboratory hours a week, fall, winter, and spring quarters. Seminar reports. Laboratory fee, \$5.00 a quarter.* Professor Wilson.

112-113-114. HYDROBIOLOGY. Prerequisite, Zoölogy 9.

The study of aquatic organisms and environments, with attention restricted to a particular topic, as a small group of animals, a limited set of habitats, or special phenomena of behavior. The work is on the border line of research, involving critical examination of literature, as well as field and laboratory study and seminar reports. *Ten laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$5.00 a quarter.* Professor Coker.

115. PROTOZOOLOGY.

Special study of the protozoa living in man and lower animals, with consideration of host-parasite relationships and with comparative studies on a few free-living forms. Laboratory work with occasional lectures, assigned readings, and seminar reports. *Ten laboratory hours a week, fall or spring quarter. Laboratory fee, \$5.00.* Professor Beers.

116. RESEARCH.

Under this heading may be credited the work of a single quarter or that of one or more years. *Six or ten or more laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, \$3.00 or \$5.00.* Professor Wilson or Professor Coker or Professor Beers.

PART FOUR

THE COLLEGE OF LIBERAL ARTS
THE SCHOOL OF APPLIED SCIENCE
THE SCHOOL OF ENGINEERING
THE SCHOOL OF EDUCATION
THE SCHOOL OF COMMERCE
THE SCHOOL OF PUBLIC WELFARE
THE GRADUATE SCHOOL
THE SUMMER SCHOOL
THE UNIVERSITY EXTENSION DIVISION

THE COLLEGE OF LIBERAL ARTS

HARRY WOODBURN CHASE, Ph.D., LL.D., *President*.
ADDISON HIBBARD, M.A., *Dean*.

*THE ADMINISTRATIVE BOARD

GEORGE HOWE, Ph.D., *Professor of the Latin Language and Literature*.
WALTER DALLAM TOY, M.A., *Professor of the Germanic Languages and Literatures*.
WILLIAM FREDERICK PROUTY, Ph.D., *Professor of Stratigraphic Geology*.
MARION REX TRABUE, Ph.D., *Professor of Educational Administration*.
ALLAN WILSON HOBBS, Ph.D., *Professor of Applied Mathematics*.
MITCHELL BENNETT GARRETT, Ph.D., *Professor of Modern European History*.
HOWARD RUSSELL HUSE, Ph.B., *Associate Professor of Romance Languages*.
MILTON SYDNEY HEATH, A.M., *Assistant Professor of Economics*.

REQUIREMENTS FOR ADMISSION

See page 54.

EXPENSES

See pages 59-62.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

GENERAL STATEMENT

Historical Background

From the earliest founding of higher education in America Colleges of Liberal Arts have played a responsible and major part in the training of citizens for the varied activities of life. For many years prior to our recent enthusiasm for specialization these colleges were the only form of higher education, the belief being that a man trained adequately in intellectual *habits* and given a sufficient cultural background had the best possible equipment for entering life and the professions. In recent years with the intense specialization of careers and the narrowing of departments of thought, the college has stood for the more liberalizing courses, as distinguished from specialized vocational or professional training, in the conviction that a trained mind is still a desideratum in contemporary life.

The position of the College of Liberal Arts at the University of North Carolina is analogous to that of similar colleges in others of America's better institutions,—it is the original unit of education from which other schools have sprung. When the constitution of North Carolina promulgated its plan for education of the state's citizenry as a function of the state, it was the College of Liberal Arts which was first brought into being. The wording of the preamble to the Act of Incorporation is significant: “. . . in all well regulated Governments it is the indispensable Duty of every Legislature to consult the Happiness of a rising Generation, and endeavor to fit them for an honorable Discharge of the Social Duties of Life, by paying the strictest attention to their Education.” The College of Liberal Arts of the University of North Carolina, then, was forseen in the first constitution of the state adopted in December 1776, was provided for in the charter granted by the General Assembly in 1789, and took its first material existence in the construction of Old East Building in 1793, thus proving itself the nucleus of the oldest state university in America.

Organization

As a division of the University of North Carolina, the College of Liberal Arts is under the control of the Board of Trustees and the President of the university; as a unit functioning within this larger institution, the College is governed by its own Administrative Board, by the faculty of the College, and by a dean whose responsibility as an administrative officer it is to carry out the regulations of these groups and to initiate such programmes as may seem necessary for the development of the best educational practices and for the promotion of the welfare and rounded development of the student. Within the College of Liberal Arts there are twenty-one departments of instruction, each department functioning under its

own head or chairman. The departments represented are: botany, chemistry, classical languages and literatures, comparative literature, economics, education, English, geology, Germanic languages, history and government, journalism, library science, mathematics, music, philosophy, physics, psychology, Romance languages, rural social economics, sociology, and zoölogy.

Aims and Purposes

A liberal education such as should be found within this college is designed to free the individual from thoughtless prejudice, hasty judgment, and careless imitation, and to set up in place of these evils a mind trained carefully in self-mastery, self-criticism, and independence of thought. The one essential of such an education must be found in *intellectual development*; yet this development must train numerous powers of the mind rather than present a specialized training of one power at the expense of the others. This last is the province of the vocational and professional schools and comes more properly after the student has had his undergraduate training within the college. Education is distinguished from ignorance by one quality—a man's capacity to act wisely, intelligently, in a *new* situation, in a position where he has never before found himself. In this way it is the purpose of the College of Liberal Arts through its courses in language and literature, science and history, to make the student familiar with the past experience of humanity in order that with this familiarity he may govern himself intelligently in the present and shape thoughtfully his own future and that of the society into which he is thrown. Through this experience and familiarity with the past, the student should develop not only his intellectual power but should derive the added qualities of a strengthened character and an independence of action which make for leadership.

That these purposes may be served, there are, within this college, three types of courses offered. In the first two years most of the studies pursued are of a preparatory nature, studies which offer the grounding for future work. This type of course is intended as a *tool* which the student can use later in his more advanced study. An illustration of this kind of subject is found in beginning language courses. Here the purpose is not to drill the students in grammar as an end in itself, but rather to lay the foundation for an understanding of the language that later the student may study the literature of the country or be at home with its publications and journals for purposes of research or individual pleasure.

A second type of course is that which is usually called *cultural*. Here the intent is to widen the horizons of one's intelligence and appreciation, to give broader perspectives, sound mental habits, and a sense of social responsibilities. Obvious examples of such train-

ing are found in the social and natural sciences, in literature, in courses on the history of art. Education of this type when successfully carried out results in a fundamental change in the individual, in his make up and outlook. Personal attitudes change and develop. Latent capacities perhaps unknown come to the front. New and unsuspected interests and enthusiasms find expression. Somewhere within himself the student discovers a new bit of talent which from that time forth it is his delight to exercise and develop. With it comes a quickening towards life and an added responsibility for self-expression and for living to the full of one's powers.

A third type of course—the *vocational*—also finds place within this college. In America today there are perhaps several hundreds of vocations calling for trained men and women. Not all of our professional people are trained in the schools of law, of engineering, of medicine. Citizenship of this century has countless uses for the trained mind. And except for those professions mentioned, and a few others, most of these specialists come from our colleges of liberal arts and from intensive training in the graduate school. Biologists, journalists, economists, social workers, writers, artists—all these and many more are specialists and professional workers in the same sense as the engineer or the lawyer, and yet what professional training they have secured has come from fields within the province of the College of Liberal Arts.

In brief, then, it must be said that the purpose of the College of Liberal Arts is to secure for the students intellectual development and intelligent action through the pursuit of learning which is of three types: preparatory, cultural, and vocational. And the end towards which these studies point is a development of all inherent powers, the discovery of latent capacities, and the ability to express intelligently one's own will, one's own ideas, and one's own emotions. From a full use of these opportunities should result a greater enrichment of the individual life and a more intelligent, a more thoughtful citizenship.

COURSE LEADING TO THE DEGREE OF BACHELOR OF ARTS

The course leading to the degree of Bachelor of Arts is designed to provide a general, well-rounded, liberal education.

In order to be recommended for the degree a student must pass satisfactorily in thirty-six whole courses or equivalent including the prescribed subjects listed below and elective subjects in accordance with the requirements stated. In his senior year each student must also pass a comprehensive examination in the field of his major subject. In case Freshman courses are taken after the student's sixth quarter or Sophomore courses are taken after his ninth quarter half credit only is allowed.

In the first two years the student pursues a more or less definite curriculum in the following subjects:

English,	three courses
Foreign Languages,	three courses in each of two languages
History,	two courses
Mathematics,	two courses
Science,	two courses
Elective,	three courses

Beginning with the Junior year the work is on an elective basis, providing what is deemed a proper amount of concentration in study and, at the same time, a certain distribution of subjects.

Students who expect at some time to carry out investigation in any science or scientific profession, such as medicine or engineering, are earnestly recommended to enter upon their Senior year with a reading knowledge of German and French. Class work in these subjects should have included at least four courses in German and two in French.

Attention is called to the courses leading to the A.B. in Journalism, and the A.B. in Music, and to the work outlined for Degrees with Distinction.

Certain work in the School of Law or the School of Medicine may be counted towards the degree of Bachelor of Arts. The interested student should consult the Dean of the College of Liberal Arts or the Registrar of the University.

Freshman Year

English 1	*Select	{	Greek**
Mathematics 1-2	two		Latin***
History 1-2	languages		French 3-4
			German****
			Spanish 3-4

By postponement of any one of these double courses until the Sophomore year, a double course in Science (Botany 1, 2; Chemistry 1-2; Zoölogy 1, 2; Geology 1-2) may be taken in the Freshman year. See above, however, for reduction of credit in case Freshman courses are taken after the student's sixth quarter.

* It is expected that the languages in which the student presented high school credit are to be continued here. If other languages are chosen, it is necessary to take a greater number of courses to complete the requirements in foreign languages.

** Greek 3-4 is to be taken if the equivalent of Greek 1-2 has been offered at entrance. Note that Greek through course 5 is required to complete the Sophomore requirement in this language.

*** Latin 3 and 4 are to be taken if 4 units in Latin have been offered at entrance, Latin 2 and 3 if 3 units have been offered at entrance, Latin 1 and 2 if 2 units have been offered at entrance. In the last instance Latin 3 is to be taken in the Sophomore year. Students who have offered 3 or 4 units are required to take 2 courses of college grade; those who have offered 2 units must take 3 such courses.

**** German 3-4 is to be taken if the equivalent of German 1-2 has been offered at entrance. Note that German 3-4 and an additional course (21, 22, or 25) are required to complete the Sophomore requirement in this language.

Not more than three courses may be taken in any one quarter except by special permission of the Dean.

Sophomore Year

English 3, 4, 5 (any two)

Select one { Botany 1, 2
Chemistry 1-2
Geology 1-2
Physics 1, 2
Psychology 1-2
Zoölogy 1, 2
Botany 1 and Zoölogy 1

Continue two languages { Greek
Latin
French 5
German 21
Spanish 5
Elective, 3 Courses (see below)

†Sophomore Electives

Botany 1, 2
Chemistry 1-2
Economics A, 1-2, 5
English 4 or 5, 6, 13-14-15, 16-17-18,
20, 51, 55, 59, 60, 66
French 3-4, 5, 6
Geology 1-2
German 3-4, 21, 22, 25-26
Greek 3-4, 5, 6, 7
Government 1-2

History 3-4, 5-6, 7-8, 12
Latin, 3, 4, 5, 6, 10
Mathematics 3, 4, 5
Philosophy 1
Physics 1, 2
Psychology 1-2
Sociology 1, 10
Spanish 3-4, 5, 6
Zoölogy 1, 2

If a course in Science has been taken in the Freshman year, the Freshman course then postponed must be taken in place of the course in Science required of Sophomores.

Not more than three whole courses and one half course may be taken in any one term except by special permission of the Dean. In case permission for extra work has been granted, a mid-term report of "X" on any course will necessitate the dropping of that course.

SYSTEM OF ELECTIVES

For the purpose of providing the necessary concentration and distribution of electives in the Junior and Senior years, the student is required to elect one major field of study. The head of this major department (or his authorized representative) then controls the student's work for both his major and minor. The student is required to pass 6 to 8 courses in his major department and 3 or 4 courses in a second (or minor) department to be specified by the adviser in his major subject.

Junior Year

A Junior shall pursue elective studies amounting to nine courses, chosen according to the following regulations:

Each student is required to elect, in each quarter, either three whole courses or two whole courses and two half courses. A stu-

† The three elective courses must be chosen from this list and cannot be courses used by the student to meet any other requirement. Note that if only two courses in Latin are required the number of Sophomore electives becomes four instead of three.

dent will be permitted to take not more than three whole courses and one half course in any one quarter, except by permission of the Dean, and in no case will he be permitted to pursue more than four courses at one time, except by special permission of the Administrative Board. In case permission for extra work has been granted, a mid-term report of "X" on any course will necessitate the dropping of that course.

One department from among the various departments in the college must be selected for concentrated study. This is known as the *major* department. Not fewer than three courses nor more than five courses may be elected in this department in the Junior year. The courses are to be decided upon only after consultation with the head of the department. It lies within the discretion of the head of the department whether these courses shall be prescribed in his own department, or any part of them in allied departments.

The remaining courses (four to six) are free electives, subject only to the restriction that one or two courses must be chosen from a department representing the student's *minor*. This choice should be made with a view to the continuance of the same subject in Senior year (see Senior requirements).

The remaining courses, if any, shall be free electives in any courses open to Juniors.

Senior Year

A Senior shall pursue elective studies amounting to nine courses, chosen according to the following regulations:

Each student is required to elect, in each quarter, either three whole courses or two whole courses and two half courses. A student will be permitted to take not more than three whole courses and one half course in any one quarter, except by permission of the Dean, and in no case will he be permitted to pursue more than four courses at one time, except by special permission of the Administrative Board. In case permission for extra work has been granted, a mid-term report of "X" on any course will necessitate the dropping of that course.

A Senior shall continue in the department of concentrated study begun in the Junior year, known as his *major*. Not fewer than three courses nor more than five courses may be elected in this department in the Senior year. The courses are to be decided upon only after consultation with the head of the department. It lies within the discretion of the head of the department whether these courses shall be prescribed in his own department, or any part of them in allied departments.

The remaining courses (four to six) are free electives, except that enough courses must be chosen in his *minor* department, in which a course has already been elected in his Junior year, to complete the *minor*.

COURSE LEADING TO THE DEGREE OF A.B. IN JOURNALISM

The course of study for the first two years is the same as that required of all other candidates for the A.B. degree.

The following twelve and one-half courses are specified in the Junior and Senior years:

English 21

Economics 1-2

Government 1 and 38 (preferably in Sophomore year.)

History 7-8 or 59-60

Commerce 22 or Psychology 36

Four and one-half courses in Journalism.

Five and one-half courses elective are to be chosen. The following list is suggested, but the student may make other selections provided he secures the consent of the head of the Department of Journalism.

Economics 13-30-40.

English 22-23-55-60.

An advanced elective in one foreign language.

Physics 14, Geology 23.

Library Administration 3.

Economics A or Commerce 30.

Philosophy 2 or 3 or 10-11-12.

COURSE LEADING TO THE DEGREE OF A.B. IN MUSIC

The following courses are prescribed for the first two years:

English 1 and 2 courses from English 3, 4, 5.

Foreign Language, 6 courses (3 courses in each of two foreign languages).

History 1-2.

Music, the following courses: 1, 7, 8, 9, 10, 11, 12, 20, 21, 22.

During the junior year Psychology 1 and 2 are required. During the junior and senior years $7\frac{1}{2}$ courses in music are required, including Music 80, 81, and 82 unless special arrangement is made with the head of the department.

DEGREES WITH DISTINCTION

Honors of two grades, *Honors* and *Highest Honors*, will be awarded at Commencement to those candidates for the degree of Bachelor of Arts who have done distinguished work in a group of related subjects. Every candidate for Honors must register before the end of the first quarter of his Junior year with the Committee on Degrees with Distinction. He shall file a statement, properly approved, of the courses which he proposes to elect, and these electives shall be such as to show a unified plan and to provide for a field of concentrated study involving, as a rule, two departments within the division in which his major work lies. In connection with the regular courses, candidates are expected to do, in term-time and in vacations, a considerable amount of additional reading, or such other supplementary work as may be prescribed by the department. In every case such additional work must be closely related to the general plan of study adopted by the candidate. Students will have the guidance and assistance of special instructors, and small groups will be formed for the discussion of the reading and of the courses. This tutorial assistance will be entirely inde-

pendent of the conduct of the courses, the object being to stimulate interest in reading not required as a part of the regular class-work for its cultural value rather than for direct preparation for examinations.

Besides the careful organization of the plan of study and the conferences, a thesis and a final oral examination are required. The thesis need not necessarily be a contribution to knowledge, but is designed to show the ability of the student to use his knowledge with intelligence and to interpret facts and his personal reaction upon the material studied in the courses or derived from the supplementary reading. The examination will test the candidate's knowledge of the whole field of concentrated study, and will also test his proficiency in a special topic, within the general field. The aim of the entire plan of study is thus to secure, as far as possible, a conception of a field of learning as a unity; to prevent, through the various measures named above, undue emphasis on the separate courses as independent units; and to lay the foundation for right methods through concentrated study in some part of the field.

The administration of the Honors courses is vested in a Committee on Degrees with Distinction, which consists of representatives from each of the three divisional groups into which the Faculty of the College of Liberal Arts is divided. At present Honors are offered in the Division of Language and Literature and in the Department of History and Government on the terms set down below.

Requirements for Honors in Language and Literature

1. A reading knowledge of one language besides English.
2. Six courses chosen from those open to Juniors, Seniors, and Graduates. Of these, four are to be in one department, the other two may be (*a*) in another literature, or (*b*) in history, provided the courses are closely correlated with work in the major subject. But other combinations may be made, provided they show a definite plan.
3. In every case the major and minor groups constituting the six courses must show a definite relationship: *e.g.*, the study of a period, such as Romanticism in France, Germany, and England, this study including history as well as literature; or the study of a type, such as tragedy, in at least two literatures; or the study of the influence of some writer, for example, Plato, Virgil, Dante, Shakespeare, Goethe, or some literature other than his own. Other means of securing correlation may be approved.
4. Acquaintance with the following subjects is to be gained within or outside courses regularly elected: (*a*) the history of the literature chosen for the major subject, including the principal masterpieces, illustrating its development; (*b*) some acquaintance with

the political and social history of the nation whose literature is so elected; (c) some acquaintance with the history and philology of the language. The extent of the candidate's knowledge of these topics, as well as of the field or topic chosen for intensive study, will be tested by the examination to be held near the end of the Senior year.

5. An essay of some length is to be written upon some topic belonging to the field chosen for intensive study. This essay must show (a) investigation and mastery of facts; (b) power of interpretation; (c) excellence in composition and style.

6. In estimating the value of the candidate's work due regard will be paid to the grades attained by him in his regular college courses, but the matter of grades is subsidiary to other considerations, such as the extent and quality of his reading, the maturity of his thought, and his ability to use his knowledge effectively.

Requirements for Honors in History and Government

1. Students majoring in History and Government may on approval of the Department elect to "read for honors." This election must be made before the end of the first quarter of the Junior year.

2. Such students shall select one of the following fields for "reading"; Ancient and Medieval History; Modern European and English History; American and Hispanic-American History; Applied Politics and Government; Political Science and the Political Philosophy. For the direction of the "reading," a committee of the Department will be appointed for each student.

3. Students reading for honors will be expected to take such seminar courses to be given by members of the Department or by visiting scholars as the Department may require.

4. From time to time the Committee shall receive reports from students on readings.

5. Students undertaking this work will be expected to submit before the end of the Senior year an essay, prepared under the guidance of the committee. While not necessarily a contribution, the paper should show mastery of the technique of historical research.

6. Near the close of the Senior year, the student will be required to stand an oral examination in which he will be expected to show a reasonable mastery of the field of his specialization and of such other courses as he shall have taken in the department.

7. Students who pass shall receive credit of two full courses toward graduation and at Commencement shall be given a certificate. There shall be two grades—"with honors" or "with highest honors."

THE SCHOOL OF APPLIED SCIENCE

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*

JAMES MUNSIE BELL, Ph.D., *Acting-Dean.*

*THE ADMINISTRATIVE BOARD

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WILLIAM FLINT THRALL, Ph.D., *Professor of English.*

EDWARD VERNON HOWELL, A.B., Ph.G., *Dean of the School of Pharmacy.*

REQUIREMENTS FOR ADMISSION

See page 54.

EXPENSES

See pages 59-62.

COURSES LEADING TO THE DEGREE OF BACHELOR OF SCIENCE

In case Freshman courses are taken after the student's sixth quarter or Sophomore courses are taken after his ninth quarter half credit only is allowed.

In order to be recommended for the degree of Bachelor of Science in this School the student must have passed satisfactorily in all the studies required in one of the following courses outlined in this department, I, IV, V, and VI. Each course combines instruction in certain sciences and their application to the arts, with certain other general studies deemed essential to a liberal education. These courses are designed to furnish the fundamental instruction and to prepare students to pursue the technical professions to which they lead. The courses leading to the degree are four in number, as follows:

- I. Bachelor of Science in Chemistry.
- IV. Bachelor of Science in Medicine.
- V. Bachelor of Science in Geology.
- VI. Bachelor of Science in Pharmacy.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

Besides the courses leading to degrees as shown above, this School offers courses preparatory to the study of Medicine and of Dentistry. Outlines of the courses leading to degrees and of these premedical and predental courses are given below.

I. BACHELOR OF SCIENCE IN CHEMISTRY

FRESHMAN YEAR

Fall Quarter: Chemistry 1, Mathematics 2, English 9a.

Winter Quarter: Chemistry 2, Mathematics 1, English 9b.

Spring Quarter: Chemistry 31, Chemistry 6, Mathematics 3, English 9c.

SOPHOMORE YEAR

Fall Quarter: Chemistry 41, Chemistry 7, Mathematics 4, English 3.

Winter Quarter: Chemistry 42, Chemistry 61, Mathematics 5, Physics 1.

Spring Quarter: Chemistry 32, Chemistry 62, Physics 2, English 4.

JUNIOR YEAR

Fall Quarter: Chemistry 45, Chemistry 64, Chemistry 66, Engineering 50a.

Winter Quarter: Chemistry 46, Chemistry 81, Engineering 50b.

Spring Quarter: Chemistry 82, Chemistry 86, Engineering 50c.

SENIOR YEAR

Fall Quarter: Chemistry 21, Chemistry 11, Geology 3, Elective.

Winter Quarter: Chemistry 22, Chemistry 12, Geology 4, Elective.

Spring Quarter: Chemistry 24, 2 Elective Courses.

Suggested Electives: Chemistry 47, 64, 65, 67, 68, 83, 84, 13, 18.

IV. BACHELOR OF SCIENCE IN MEDICINE

NOTE: Students pursuing the academic subjects listed below are hereby notified that the completion of these courses does not necessarily mean admission to our School of Medicine. From the rather long list of applicants are chosen about forty who are deemed the most promising material for admission to our School. No arrangement exists for granting the degree of S.B. in Medicine for work in any medical school other than ours.

FRESHMAN YEAR

Fall Quarter: Chemistry 1, Mathematics 2, French 3 or German 3*.

Winter Quarter: Chemistry 2, Mathematics 1, French 4 or German 4*.

Spring Quarter: Botany 1, English 1, Chemistry 31.

* See note * on following page.

SOPHOMORE YEAR

Fall Quarter: Zoölogy 1, English 3, French 5 or German 21.*

Winter Quarter: Physics 1, English 4, Chemistry 42.

Spring Quarter: Zoölogy 2, Physics 2, French 6 or German 22.*

JUNIOR YEAR

Fall Quarter: Psychology 1, **Elective, 2 courses.

Winter Quarter: Psychology 2, Chemistry 61, **Elective, 1 course.

Spring Quarter: Chemistry 62, **Elective, 2 courses.

V. BACHELOR OF SCIENCE IN GEOLOGY

FRESHMAN YEAR

Fall Quarter: Geology 1, Mathematics 2, Chemistry 1.

Winter Quarter: Geology 2, Mathematics 1, Chemistry 2.

Spring Quarter: English 1, Chemistry 31, German 3 or Spanish 3 or French 3.***

SOPHOMORE YEAR

Fall Quarter: Geology 3, English 3, German 4 or Spanish 4 or French 4, Engineering 1a.

Winter Quarter: Geology 4, Geology (elective), Physics 1, Engineering 1b.

Spring Quarter: English 20, Physics, 2, Engineering 1c, Zoölogy 2b.

JUNIOR YEAR

Fall Quarter: Geology 15, Botany 1, Engineering 22a, Seminar.

Winter Quarter: Geology 16, Geology (elective), English 4, Elective, one course, Seminar.

Spring Quarter: Geology 13, Geology 29, Engineering 22c, Seminar.

Summer Quarter: Geology 91-92.

* If French is not offered as an entrance credit, the elementary courses must be taken in the University without credit. The same principle applies to German. Note that this curriculum requires four courses of college grade work in French or German above the elementary courses 1 and 2 or two such courses in French and two such courses in German. In case both French and German are taken, note that the requirements are French through course 4 and German through course 4. In case only one language is taken, that language must be continued through French 6 or German 22 according to the language chosen.

** Note that five full courses of electives are required in addition to the courses prescribed above, making twenty-seven full courses of college work, exclusive of any elementary courses in French or German which may be taken to make up the entrance requirement in either language.

*** If no modern foreign language was offered for entrance, the elementary courses 1 and 2 in one language must be taken in the University without credit, and these must be followed by courses 3 and 4 in the same language.

SENIOR YEAR

Fall Quarter: Geology (elective), Elective, 2 courses, Seminar.

Winter Quarter: Geology (elective), Elective, 2 courses, Seminar.

Spring Quarter: Geology (elective), Elective, 2 courses, Seminar.

VI. BACHELOR OF SCIENCE IN PHARMACY

FRESHMAN YEAR

Fall Quarter: Chemistry 1, English 1, Botany 10.

Winter Quarter: Chemistry 2, Mathematics 2, Botany 11.

Spring Quarter: Pharmacology 20, Chemistry 31, Chemistry 13, Mathematics 1.

SOPHOMORE YEAR

Fall Quarter: Pharmaceutical Chemistry 25, Pharmaceutical Chemistry 26, Chemistry 41, Physics 1.

Winter Quarter: Pharmacy 11, Pharmacy 15, Materia Medica 20, Chemistry 42.

Spring Quarter: Pharmacy 12, Pharmacy 16, Materia Medica 21, Physics 2.

JUNIOR YEAR

Fall Quarter: Pharmacy 20, Materia Medica 30, Pharmacology 32, *French 3, or German 3.

Winter Quarter: Pharmacy 21, Chemistry 61, *French 4, or German 4.

Spring Quarter: Pharmacy 28, Pharmacy 38, Chemistry 62, English 3.

SENIOR YEAR

Fall Quarter: Pharmacy 30, **Economics 1 or Psychology 1, English 4.

Winter Quarter: Pharmaceutical Chemistry 40, **Economics 2 or Psychology 2, ***Pharmacy 43 or Bacteriology or Zoölogy 1.

Spring Quarter: Pharmacy 31, Pharmacy 49, Pharmaceutical Chemistry 41, ***Pharmacy 44 or Bacteriology or Zoölogy 2.

* If neither French nor German is offered for entrance, the elementary courses 1 and 2 in one language must be taken in the University without credit. Note that this curriculum requires French or German through course 4.

** The subject chosen in the fall quarter must be continued in the winter quarter.

*** The subject chosen in the winter quarter must be continued in the spring quarter.

PREMEDICAL OR PREDENTAL COURSE

(Suggested Two Year Course)

FRESHMAN YEAR

Fall Quarter: Chemistry 1, English 1, French 3 or German 3.**Winter Quarter:* Chemistry 2, Mathematics 2, French 4 or German 4.*Spring Quarter:* Chemistry 31, Mathematics 1, Botany 1.

SOPHOMORE YEAR

Fall Quarter: Zoölogy 1, Psychology 1, Physics 1.*Winter Quarter:* Physics 2, English 3, Chemistry 61.*Spring Quarter:* Psychology 2, Zoölogy 2, Elective, 1 course.

The course outlined above is planned with the object of preparing a student in the shortest possible time to enter upon the study of medicine. It is not laid down as inflexible but is suggested to meet the requirements of Schools of Medicine which require only two years of academic work (sixty semester hours). Further work in Physics and in Organic Chemistry should be taken in the summer following the completion of the above work if possible. Students preparing for the study of Dentistry are advised to follow the course outlined above. It is recommended, however, that they secure at least the equivalent of one course in Drawing. At present Schools of Dentistry vary as to entrance requirements from graduation from a high school to two years of college work. Those requiring one year of college work set as a minimum the completion of the following subjects in the amounts stated: Six semester hours in each of the following—English, General Chemistry, Biology (or College Physics) (the latter unless 1 unit was presented for entrance), and one subject from Foreign language, History, Mathematics, Technical Drawing. The remaining six semester hours are free electives.

The course outlined below, while not so complete as the two-year course above, is planned to meet the entrance requirements of Schools of Dentistry which admit students who have had one year of college work. If the applicant has presented one full unit of credit in Physics from his high school, Physics 1 and 2 are not required but are strongly recommended in any case. In case Physics 1 and 2 are not taken the student is required to take two other courses of college grade in order to make his total credits sufficient to meet the requirement of thirty semester hours. History 1 and 2 are recommended for this purpose.

* If neither French nor German is offered for entrance the elementary courses 1 and 2 in one language must be taken in the University without credit. Note that this curriculum requires French or German through course 4.

ONE YEAR PREDENTAL COURSE

Fall Quarter: Botany 1, Chemistry 1, Mathematics 2.

Winter Quarter: English 1, Mathematics 1, Physics 1, Zoölogy 1.

Spring Quarter: Chemistry 2, English 3, Physics 2.

By attending the summer quarter the student may lighten somewhat the course in the winter quarter and can secure valuable work in Qualitative Analysis. This course of action is advisable especially if the student is obliged to take Physics after he enters. Instead of the arrangement shown above the work should be taken in the following order:

Fall Quarter: Chemistry 1, English 1, Mathematics 2.

Winter Quarter: Mathematics 1, Physics 1, Zoölogy 1.

Spring Quarter: Botany 1, Chemistry 2, English 3.

Summer Quarter: Chemistry 31, Physics 2.

NOTE: The predental student who has selected the dental school in which he desires to do his work, should apply for a catalogue of such school, note well its requirements, and conform his predental training to them.

THE SCHOOL OF ENGINEERING

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*

GUSTAVE MAURICE BRAUNE, C.E., *Dean.*

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ALMONTE CHARLES HOWELL, Ph.D., *Associate Professor of English.*

REQUIREMENTS FOR ADMISSION

See page 55.

EXPENSES

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HISTORICAL SKETCH AND DESCRIPTION OF COURSES

Courses in engineering of professional grade have been given for a number of years at the University of North Carolina. Up to June, 1922, the courses in engineering were grouped in the School of Applied Science; but owing to a rapid development in engineering here, and due to the great need of well trained professional engineers, especially in the State of North Carolina, the Board of Trustees separated the Department of Engineering from the School of Applied Science and authorized the formation of a distinct school of engineering. In this school, at present, are included the Departments of Civil, Electrical, and Mechanical Engineering; the school offers a curriculum in Chemical Engineering also. With the formation of the School of Engineering ample opportunities were given to the Engineering Departments to expand along broad and cultural lines.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

The instruction offered in the School of Engineering consists of four-year courses leading to the degrees of Bachelor of Science in Chemical, Civil, Electrical, and Mechanical Engineering.

The degree of Master of Science in Engineering will be conferred on students who have satisfactorily completed approved graduate work extending over not less than one year. The course of studies leading to the Master's degree will be found under the Graduate School.

The engineering courses have been developed along broad and cultural lines and the importance of cultural training as a part of a thorough technical education has been kept constantly in mind. The importance of English in the curriculum has been emphasized and the courses are arranged so that students will receive instruction in English during three of the four years. Much attention is also given to training the young students in public speaking. This is an acquired art, and a very necessary adjunct of an engineering education. Engineers must necessarily be versed in business affairs, and to meet this condition students will devote considerable time to Economics and Business Administration and Management. During the first three years, the contents of the curriculum are practically the same for all engineering students. Fundamentals in Mathematics, Mechanics, and other sciences are contained in these first three years while the application of these fundamentals are illustrated throughout the course by the solution of a number of practical problems in engineering.

The intimate contact of engineering students with the academic students and the participation of the former in all University activities is regarded as a valuable part of their general training, the making of a broad, cultural, all-around manhood.

CO-OPERATIVE ENGINEERING EDUCATION

For the past twenty years or more a great amount of time and thought have been devoted to engineering by engineering teachers and the profession at large with the idea in mind of adopting some method in engineering education which would develop the observation and initiative of the students and bring them in touch with outside things during their theoretical training. Criticism has often been directed against young engineering graduates by practising engineers that they did not have any grasp or conception of practical things after four or five years of theoretical training.

In order to meet this criticism the University of Cincinnati installed in the fall of 1906 a method of engineering education which is called coöperative education. Under this plan the students spend half of their time at the University receiving their theoretical training and the other half with engineering industrial firms thus getting some practical training during their collegiate period. This

system of education has proven quite successful and has been adopted by a number of prominent institutions among which are Massachusetts Institute of Technology, the University of Pittsburgh, and New York University. The method of coöperation has been modified by several of the institutions that have adopted this system; for example, a plan has been arranged whereby only the junior class coöperates with the outside industries. This modified plan permits the students to get that touch with outside practice, but does not destroy the social and cultural contact which the students derive from full time association on the University campus during the freshman, sophomore, and senior years.

Realizing that the coöperative system of training young engineers is a distinct step forward, the Engineering School at the University of North Carolina adopted this plan of education in September, 1922.

Under this plan the students of the junior class are divided into two groups designated as Sections I and II. The students in each group spend half their time at the University and the other half in actual engineering work. Each student has an alternate so that when a student of Section I is at school his alternate in Section II is on the job. At definite intervals the student from Section II goes to school while his alternate in Section I takes his place on the job. This alternation continues throughout the junior year up to the latter part of September. Both sections attend the University full time during their senior year.

In order to compensate for the time that the students are away from school during their junior year, the Sophomores are given a summer course lasting eight weeks, so that under the new coöperative plan the students receive the same amount of school work as under the regular four-year plan. The students receive pay for their services during the time that they are on their outside work, thus enabling them partially to defray their expenses during their junior year.

In case Freshman courses are taken after a student's sixth quarter or Sophomore courses are taken after his ninth quarter half credit only is allowed.

II. S.B. IN ELECTRICAL ENGINEERING

Freshman Year

Mathematics 1E, 2E, 3E; Chemistry 1-2; English 9ab; English 10; History 2E; Engineering 1.

Sophomore Year

Mathematics 4E; Physics 1E, 2E, 3E; Economics 1E, 2E, 3E; Engineering 4ab, Engineering 22c, Engineering 62bc.

Sophomore Summer Term—Eight Weeks

Engineering 91s, Engineering 62s.

Coöperative Junior Year

English 11, Mathematics 56; Engineering 5, Engineering 32ab, Engineering 63, Engineering 73, Engineering 93.

Senior Year

English 12; Business Administration 10E, 11E, 12E; Engineering 64, Engineering 74c, Engineering 75, Engineering 84c, Engineering 85, Engineering 86.

III. S.B. IN CIVIL ENGINEERING**Freshman Year**

Mathematics 1E, 2E, 3E; Chemistry 1-2; English 9ab; English 10; History 2E; Engineering 1.

Sophomore Year

Mathematics 4E; Physics 1E, 2E, 3E; Engineering 2c, Engineering 4, Engineering 6bc, Engineering 22a; Economics 1E, 2E, 3E.

Sophomore Summer Term—Eight Weeks in Camp

Engineering 23s.

Coöperative Junior Year

English 11; Mathematics 56; Engineering 5, Engineering 12ab, Engineering 32ab, Engineering 60, Engineering 90.

Senior Year

English 12; Business Administration 10E, 11E, 12E; Geology 18, 19, 20; Engineering 14, Engineering 24, Engineering 34c, Engineering 44, Engineering 15-25-35-45c.

VII. S.B. IN MECHANICAL ENGINEERING**Freshman Year**

Mathematics 1E, 2E, 3E; Chemistry 1-2; English 9ab, English 10; History 2E; Engineering 1.

Sophomore Year

Mathematics 4E; Physics 1E, 2E, 3E; Economics 1E, 2E, 3E; Engineering 4c, Engineering 6bc, Engineering 22c.

Sophomore Summer Term—Eight Weeks

Engineering 91s.

Coöperative Junior Year

English 11; Mathematics 56; Engineering 5, Engineering 32ab, Engineering 60, Engineering 93.

Senior Year

English 12; Business Administration 10E, 11E, 12E; Engineering 86a, Engineering 94, Engineering 95bc, Engineering 96.

VIII. S.B. IN CHEMICAL ENGINEERING**Freshman Year**

Mathematics 1E, 2E, 3E; Chemistry 1-2, Chemistry 31; English 9ab; English 10; Engineering 1, Engineering 61.

Sophomore Year

Mathematics 4E; Physics 1E, 2E, 3E; Economics 1E, 2E, 3E; Engineering 4, Engineering 74c; Chemistry 41, 42; Chemical Engineering 2c.

Junior Year

Chemistry 45, Chemistry 81, 82, Chemistry 61, 62; Chemical Engineering 1b; English 11; Engineering 90; Physics 5.

Junior Summer Term—Coöperative**Senior Year**

Chemistry 11, 12, Chemistry 21, 22, 23; Chemical Engineering 5, Chemical Engineering 6c, Chemical Engineering 7c; Geology 3-4; Business Administration 10E, 11E, 12E; Engineering 75c.

THE SCHOOL OF EDUCATION

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*

NATHAN WILSON WALKER, A.B., Ed.M., *Acting Dean.*

MARION REX TRABUE, Ph.D., *Director of the Bureau of Educational Research.*

*THE ADMINISTRATIVE BOARD

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HOWARD WASHINGTON ODUM, Ph.D., *Kenan Professor of Sociology.*

REQUIREMENTS FOR ADMISSION

See page 55.

EXPENSES

See pages 59-62.

PURPOSES

The primary purpose of the School of Education is to prepare young men and young women for the more responsible teaching positions, principalships, and superintendencies. Adequate preparation for such positions is required by statutory provision in all progressive American states. Every state is now spending vast sums of money for the education of the youth of the land. It is one of the primary functions, therefore, of the School of Education in a state university to fit prospective teachers and educational workers for their careers by developing in them the knowledge, attitudes, ideals, and skills necessary for successful teaching and administration.

FREE TUITION

By an act of the General Assembly of 1887, free tuition is given to teachers in the schools of North Carolina and to prospective

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

teachers who are residents of the State. In order to secure free tuition, the student applying for the privilege must sign an agreement to teach in North Carolina for at least two years within a period of three years after leaving the University.

Only undergraduates in the school of Education regularly enrolled as candidates for the degree of Bachelor of Arts in Education are eligible for the privilege of free tuition as intending teachers.

This provision for free tuition is administered through the School of Education, and students availing themselves of the opportunity it affords are required to register in this school.

Teachers, who have been teaching in the schools of North Carolina for two years or more and are now actively in service, who come to the University for further training as *bona fide* teachers are not required to sign the usual teachers' notes, but are given Teachers' Free Tuition Tickets.

All applications for the free tuition privilege for teachers must be made through the Dean of the School of Education and must be approved before the privilege will be granted. This must be attended to before registration.

Each student accepting the teacher's free tuition privilege must complete in the School of Education the number of professional courses required by the State Department of Education for that grade of certificate to which his academic standing would entitle him. The grades of certificates issued and the academic and professional requirements for each are as follows:

Class of Certificate	College Courses	Professional Courses
A	36 (including)	6
B	27 (including)	4

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS IN EDUCATION

The requirements for the degree of Bachelor of Arts in Education are set forth below. Two curricula, both leading to the degree, are offered—the one is designed for the preparation of teachers for the secondary schools, and the other, for the preparation of teachers for the primary and grammar grades.

CURRICULUM FOR HIGH SCHOOL TEACHERS

Freshman and Sophomore Years (18 Courses)

The work of the first two years of this curriculum is similar in character to that of the first two years in the better colleges of arts and sciences. The requirements are in brief as follows:

English, 4 courses. English 1, 3, 4, 5, or 1a, 1, and two others from this group will satisfy this requirement.

History, 2 courses. History 1-2, or a year's work in American or European History will satisfy this requirement.

Foreign Language, 3 courses. (Preferably Latin or French.) Three courses in one language beyond the introductory courses (1-2) must be offered to satisfy this requirement.

Option: If the student prefers to do so, he may offer 6 courses of Foreign Language, instead of 3, in which case the requirement in Mathematics and Natural Science (see below) may be reduced to 2 courses. Six courses in one of the preferred languages beyond the introductory courses, or 3 courses in either of them beyond the introductory courses and 3 courses in a second language beyond the introductory courses will satisfy the requirements of this option.

Mathematics and Natural Science, 4 courses. This requirement may be satisfied by any 2 of the following groups: (a) Mathematics 1-2, (b) Physics 1-2, (c) Chemistry 1-2, (d) Geology 1-2, (e) Botany 1-2, (f) Zoölogy 1-2, (g) Botany 1 and Zoölogy 1.

Option: In case the student elects to offer 6 courses in Foreign Language (see under Foreign Language above), the requirement in Mathematics and Natural Science may then be reduced to 2 courses. In that case any one of the foregoing groups (2 courses) will satisfy the requirements of this option.

Education, 2 courses. Education 1 and 5 (or the equivalent) will satisfy this requirement.

Elective. Additional courses, subject to the approval of the Dean, must be offered to make a total of 18 courses.

Junior and Senior Years (18 Courses)

In the Junior and Senior years the candidate continues his studies in two academic branches, designated as an academic major and an academic minor, and he also completes the remaining professional work required.

Those preparing for high school teaching are advised to make their choice of academic majors and minors from the combinations of teaching fields proposed by the North Carolina State Department of Education. These combinations are as follows: (a) English and Latin, (b) English and French, (c) Natural Science and Mathematics, (d) History and one other field.

When once the combination of teaching fields has been chosen, the candidate's program of work is then to be directed by an advisory committee of three—composed of the heads of the two departments in the Training School, whose fields he has chosen for his academic major and his academic minor, and the Dean of the School of Education. There are at present six departments in the Training School which are organized for directed teaching as required in the curriculum designed for the preparation of high school teachers. These are the departments of English, Latin, French, History, Mathematics, and Natural Science. The requirements in the corresponding academic departments of the University for the academic major and the academic minor are briefly as follows:

English: 1, 3, 4, 5 (or the equivalent) and additional courses to be approved by the head of the Department of English in the Training School (Mr. Farrar, 7B Peabody):

For an Academic Major	6 courses
For an Academic Minor	4 courses

Latin: 1, 2, 3, 4 (or the equivalent) and additional courses to be approved by the head of the Department of Latin in the Training School (Mr. Gwynn, 5 Peabody):

For an Academic Major	6 courses
For an Academic Minor	4 courses

French: 3, 4, 5 (or the equivalent) and additional courses to be approved by the head of the Department of French in the Training School (Mr. Giduz, 25 Peabody):

For an Academic Major	6 courses
For an Academic Minor	4 courses

History (and Other Social Science): 1-2 (or the equivalent) and additional courses in History, Government, Economics, and Geography to be approved by the head of the Department of History in the Training School (Mr. King, 7A Peabody):

For an Academic Major	10 courses
(Including Government, Economics, and Geography)	
For an Academic Minor	6 courses
(Including Government and Economics)	

Mathematics: 1-2 (or the equivalent) and additional courses to be approved by the head of the Department of Mathematics in the Training School (Mr. Munch, 9B Peabody):

For an Academic Major	5 courses
For an Academic Minor	3 courses

Natural Science: Mathematics 1-2 (or equivalent) and 2 courses in Natural Science (see Freshman-Sophomore requirements in Mathematics and Natural Science) and additional courses to be approved by the head of the Department of Natural Science in the Training School (Mr. Preston, 9B Peabody). The program for either the major or the minor must include Biology, Chemistry, Physics, and Geography.

For an Academic Major	8 courses
For an Academic Minor	6 courses

Professional Requirements

The professional requirements for the Junior and Senior years (in addition to Education 1 and 5 required in the Sophomore year) are as follows: Education 20, 51, 52, and two courses each in the Materials and Methods of Instruction and in Directed Teaching in the two academic fields in which the candidate chooses to qualify as a high school teacher.

If additional courses are necessary in order to complete the minimum of 36 courses required for the degree, the courses offered for this purpose must be approved by the Dean of the School of Education before they will be accepted for graduation.

*CURRICULUM FOR ELEMENTARY TEACHERS

Education (9 courses).

Introduction to Education, (Education 5;)	Sophomore year....	1 course
Materials and Methods, (Educ. 82-83-84);	Junior year.....	3 courses
Psychology of Elementary School Subjects, (Educ. 63);		
Senior year		1 course
Directed Teaching (Educ. 85-86);	Senior year.....	2 courses
A minimum of two courses to be elected by the student and approved by his adviser in junior and senior years: (A course in the philosophy of education is suggested).....		
		2 courses

English (6 Courses).

A minimum of English 1, 3, 4, (or 5)	3 courses
1 course in American Literature	1 course
1 course in children's literature (Library Science 4).....	1 course
1 course in reading and speech.....	1 course

Fine Arts (3 Courses).

Courses to develop desirable attitudes, appreciation, and knowledge from which it is hoped will come the power of æsthetic expression.

* Students from approved Normal Schools, Teachers Colleges, and standard Colleges of Arts and Sciences who enter the School of Education with Junior standing may find that their credits do not correspond with the requirements of the Freshman and Sophomore years of this curriculum. In such cases liberal substitutions will be made by the committee appointed to direct the remainder of the student's program.

Music	1 course
Drawing and Art	1 course
Dancing, Pageantry, Plays and Games.....	1 course
<i>Natural Sciences</i> (3 Courses).	
An orientation course in general science, (General Science 1-2) ..	2 courses
Principles of Geography	1 course
<i>Practical Arts</i> (2 Courses).	
The materials, production, design, and evolution of food, clothing, house materials, and furnishings; utensils, tools, machines, and records as well as the effective selection, care, and use of them	2 courses
<i>Social Sciences</i> (4 Courses).	
American History	1 course
European History	1 course
Educational Sociology	1 course
Problems of Citizenship (Including North Carolina History)....	1 course
<i>Academic Major</i> (8 Courses) and <i>Academic Minor</i> (4 Courses).	
An academic major and an academic minor must be selected by the student in consultation with his adviser at the beginning of the junior year. The academic major may be taken in any academic department in which a student in the College of Arts is permitted to complete a major. At least 8 courses are required for an academic major and at least 4 courses for an academic minor. The courses taken in the major and minor fields prior to the junior year may be counted toward meeting the requirements for the major and the minor, provided that not more than 4 such courses shall apply on the academic major.	
Elective courses to complete a minimum of 36 courses required for the degree.	

Suggested Sequence of Courses

FRESHMAN YEAR

<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>
English 1	European History	American History
*General Science 1	*General Science 2	*Principles of Geography
Elective	Elective	Elective

SOPHOMORE YEAR

English 3	English 4 or 5	Education 5
*Practical Arts	*Practical Arts	*Problems of Citizenship
Elective	Elective	English 59 or 60

JUNIOR YEAR

Materials and Methods (Reading and study Habits)	Materials and Methods (Content Subjects)	Materials and Methods (Language and Arithmetic)
Music	*Drawing and Art	*Plays and Games
Elective		Elective

* At present this course is offered in the summer quarter only.

SENIOR YEAR

Psychology of Elementary Education	Directed Teaching	Directed Teaching
Children's Literature	Reading and Speech	Elective
Elective	Elective	Elective

TRAINING SCHOOL

The University's training school has been made possible through the generosity of the General Education Board of New York. In May, 1926, this Board granted the University an appropriation of \$75,000 for a five-year period for the purpose of enabling the School of Education to improve its facilities for the training of high school teachers. The School of Education officials immediately entered into an agreement with the Chapel Hill School Board to make use of the local public high school as the training school for the School of Education. Under this arrangement six departments in the Chapel Hill High School are to be used for purposes of observation, demonstration, and directed teaching. These are the departments of English, mathematics, French, Latin, history, and natural science.

At the head of each of these departments is a member of the School of Education staff assigned to regular teaching duties in the high school, who conducts in the School of Education courses in the materials and methods of instruction in his particular subject, and who also has charge of the "directed teaching" of students who are preparing themselves for teaching his subject. A Director of Training, who is also a member of the School of Education staff, has general supervision over the work of the training school.

In 1927, another agreement was made with the local school officials that enables the School of Education to make use of the elementary grades of the local public school for the training of Primary and Grammar grade teachers. Thus the development and improvement of the local public school, from the first grade through the high school, has become a coöperative project of the Chapel Hill community and the University. This arrangement assures the local community of superior public school advantages and also it enables the School of Education to have necessary training school facilities under a plan that is mutually advantageous.

GRADUATE WORK IN EDUCATION: HIGHER DEGREES

The School of Education is prepared to offer a fairly wide range of graduate work as will be seen from the list of courses announced under the Department of Education. See pages 119-129. Graduate students in Education working for advanced degrees, Master of Arts, Master of Science, and Doctor of Philosophy, register in the Graduate School of the University.

LIBRARY FACILITIES

In addition to the library facilities afforded by the General Library, the School of Education has its own departmental library of over two thousand bound volumes and several thousand pamphlets, periodicals, and school reports. Here are to be found most of the more important recent books on education printed in English, all the more important educational journals and periodicals, to which the library is a regular subscriber, and a large collection of State and city school reports. This library is housed in Peabody Hall and is in charge of a trained librarian. In addition to an adequate stack room, there is a well appointed reading room.

The departmental library is open on week days from 9 a.m. to 1 p.m., and from 2 p.m. to 5 p.m.; and on week day evenings from 7 p.m. to 10 p.m.

EXTENSION AND CORRESPONDENCE

Attention is called to the work in extension and correspondence courses listed elsewhere in this catalogue. In addition to the regular members of the University Faculty the following full-time instructors offer work in the Extension Division:

WILLIAM JOHN MCKEE, M.A., *Professor of Education.*

RALPH WINFRED TYLER, Ph.D., *Associate Professor of Education.*

ROY WILLIAMSON MORRISON, Ph.D., *Associate Professor of Education.*

CECILIA HATRICK BASON, M.A., *Assistant Professor of Education.*

ERNEST HENRY HICKS, M.A., *Instructor in Education.*

ELIZABETH T. ALLING, A.B., *Instructor in Education.*

BUREAU OF EDUCATIONAL RESEARCH

The Bureau of Educational Research was organized in the School of Education on July 1, 1923, for the purpose of conducting and encouraging scientific research in the public schools of the State of North Carolina. This Bureau serves as a clearing-house for exact information about educational conditions in the State, collects and assembles the results of investigations conducted by other agencies dealing with social work, and carries on independent studies of a scientific nature. Standard scales and tests for measuring the work of the schools may be purchased at cost through the Bureau.

The staff of the Bureau is at present composed of the professors in the School of Education and one Statistical Assistant. The Bureau is equipped to conduct surveys of any phase of school efficiency, and its services are given without charge to public schools in the State. Schools in other states will be charged a reasonable price for services rendered. Correspondence regarding investigations should

be addressed to Dr. M. R. Trabue, Director of the Bureau of Educational Research.

TEACHERS' BUREAU

The School of Education conducts a teachers' bureau which is at the service of teachers and school officials without any cost to them whatsoever. The annual registration of teachers runs from 300 to 500, most of whom register with it during the Summer School.

THE HIGH SCHOOL JOURNAL

The *High School Journal* is published eight times a year by the School of Education. All the professors in the school contribute to its columns, as do other members of the University faculty. The subscription price is \$1.50 a year. The Editorial Board is composed of the professors in the School of Education.

ORANGE COUNTY SCHOOLS

The School of Education coöperates with the Orange County school officials in the administration and supervision of the public schools of the county. This phase of our work is conducted by Dr. E. W. Knight, who meets regularly with the county board of education to give such expert advice and assistance as the board may need or desire. Professor Knight also serves without pay as Assistant County Superintendent of Schools.

EDUCATIONAL INFORMATION AND ASSISTANCE

The members of the School of Education, by virtue of their close contact with the schools of the State, their wide acquaintance with school officials, and their practical and theoretical knowledge of the State's school problems, are obliged to carry on constantly a rather considerable correspondence. Every year they are called upon by school officials and teachers to answer hundreds of letters of inquiry relating to every conceivable phase of educational administration and school procedure. There is no charge whatsoever for this service.

THE SCHOOL OF COMMERCE

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*

DUDLEY DEWITT CARROLL, M.A., *Dean.*

CLAUDIUS TEMPLE MURCHISON, Ph.D., *Director of Research.*

*THE ADMINISTRATIVE BOARD

CLAUDIUS TEMPLE MURCHISON, Ph.D., *Professor of Applied Economics.*

STURGIS ELLENO LEAVITT, Ph.D., *Professor of Spanish.*

**ERICH WALTER ZIMMERMAN, Ph.D., *Professor of Commerce and Resources.*

FRANK PORTER GRAHAM, M.A., *Professor of History.*

ERLE EWART PEACOCK, A.B., M.B.A., C.P.A., *Professor of Accounting.*

WILLIAM FLINT THRALL, Ph.D., *Professor of English.*

JOHN BROOKS WOOSLEY, M.A., *Associate Professor of Economics.*

***CORYDON PERRY SPRUILL, A.B., B.Litt., *Associate Professor of Economics.*

ROBERT ALLEN MCPHEETERS, A.B., LL.B., *Assistant Professor of Business Law.*

GENERAL STATEMENT

Though courses of instruction in Economics and in certain business subjects have been offered for many years in the University of North Carolina, not until 1919 was there established a comprehensive, well-organized business curriculum. In that year, the Legislature, in conformity with the recommendations of the President and the Board of Trustees, enacted the legislation which resulted in the immediate organization of the School of Commerce. The School occupies a place in the University organization which is coördinate in standing and equipment with the College of Liberal Arts and the School of Applied Science.

The undergraduate course of study, leading to the degree of Bachelor of Science in Commerce, covers a period of four years and is designed to give a foundation of broad and general culture, and, at the same time, supply a definite and practical training to those who intend to engage in any of the great lines of industrial and commercial activity. For those desiring more intensive specialization, the School of Commerce offers graduate courses leading to the degree of Master of Science in Commerce.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

** Absent on leave, winter quarter, 1929.

*** Absent on leave, 1928-1929.

AIM AND PURPOSE

The phenomenal industrial growth of the South in recent years has produced an imperative need for trained business men. The School of Commerce in a large sense is the expression of the University's desire to serve this special need of its own particular section. To this end substantial support has been accorded the School by both the University and the State as a whole. In consequence the School has been provided with a large and able corps of instructors, with spacious quarters in Bingham Hall, recently completed, and with thoroughly modern teaching facilities.

It is the purpose of the School of Commerce to provide its students with as thorough and scientific business training as it is possible to give within the range of the subjects which it attempts to cover. Its teaching policy assumes that such training should consist not only of the requisite understanding of the principles and methodology which govern the organization and administration of typical business enterprises, but in addition an understanding of the problems and the larger relationships of the economic organization as a whole. In his attempt to master the technical and the vocational aspects of business, the student will not be permitted to lose sight of the social and cultural.

The School of Commerce has also accepted as an important guiding principle the advisability of giving prominent place to the dynamic elements in the business world. Specialization, standardization, and the ever-increasing magnitude of the business unit, though the order of the day and the sure manifestation of industrial progress, yet have served greatly to strengthen the forces of economic change.

In internal administration the pressure of readjustment bears continually upon every technological process, upon departmental relationships, financial procedure, and personnel management. Outside forces produce a constant flux of prices, wages, profits, and industrial relations. Hence the modern executive has for his most persistent and exacting duty the necessity of unceasing readjustment and modification of almost all aspects of his business. It is in relation to such problems, as these changes may produce, that the highest order of business judgment must be displayed.

TEACHING POLICY

Wherever possible, the plan is followed of presenting the subject-matter of the various courses from the point of view of the executive, always bearing in mind that the executive's field of interest includes the broad outside relationship as well as the internal administration of his business. Adherence to this common point of view prevents confusion in the mind of the student, and enables

him to place the problems and practices of business in their true perspective.

Within the short space of time at his disposal, it is impossible for the student to investigate in detail the entire field of business. It is therefore the policy of the School of Commerce to supplement the general survey which is required of every student with a more intensive study of that portion of the field which is of especial interest to him. To this end there have been prepared for the student certain groupings of closely related courses. The groupings have been made in such a way as to correspond to certain major functions which must be performed in the successful administration of a business enterprise.

These functions may be designated as follows: (1) The administration of production; (2) the management of finance; (3) marketing and selling; (4) management of personnel; (5) the avoidance or distribution of risk; (6) dealing with problems of transportation; (7) conforming with legal requirements; (8) handling the problem of accounting.

In addition to these groups, which have been constructed to conform with the major business functions, certain others have also been provided. The first of these offers special study in the field of foreign trade. It is so devised as to be of value not only to those intending to engage in some branch of export or import trade, but also to be of material aid to those looking forward to careers in connection with the consular service.

SCOPE OF SPECIALIZATION

Specialization in the manner here indicated, however, does not begin until the senior year, except in the accounting and marketing groups. The School of Commerce accepts the principal that a broad and thorough training in fundamentals, as well as some maturity of mind, should precede any high degree of specialization. Whether the educational process be viewed as a training of the mental faculties, or as the acquisition of a fund of knowledge, it is equally imperative that the materials of study be definite and compact. Arrangement and treatment must be so designed as to assure results which are cumulative and which have continuity of direction.

To this end the undergraduate curriculum of the School of Commerce is arranged in logical sequence, with the same requirements imposed upon virtually all candidates for degrees until the senior year is reached. During his freshman and sophomore years the student is required to follow a path of study which closely parallels the liberal arts course. The first year's work includes English composition, mathematics, history, economic geography, and a modern language. In the second year are courses in general economics, in-

dustrial history, English and American literature, a natural science, and a continuance of modern language.

In his junior year the student devotes most of his time to required courses in economics, commerce, psychology, and government which include money and banking, business organization, accounting, economic statistics, general psychology, and American federal government.

In the senior year specialization begins through the election by the student of his preferred group of courses from the list outlined above. It is to be noted that the freedom to elect does not apply to courses regarded singly, but only to courses as they are arranged in more or less standardized groups. Having chosen a given group, the student is expected to satisfy its requirements in full unless a substitute program has been submitted to and approved by the Administrative Board of the School.

In all of the groups two courses in business law are required, and one course on the relationship between government and business. A fourth requirement common to all groups is a choice either of the course in Theories of Economic Reform, or of the course in Labor Problems. This leaves in each group from five to six courses which constitute the subject matter of specialization.

IMPORTANCE OF GRADUATE STUDY

From the preceding survey of the undergraduate curriculum, it is apparent that those students who are desirous of securing the benefits of thorough specialized training and intensive research work, should continue in the University for at least one year of graduate study.

The Administrative Board of the School strongly urges the advisability of such an additional year for the superior student. Equipped with his undergraduate training, unburdened of the formal routine of courses which have been preparatory in nature, the graduate student is free to concentrate his full powers upon the subject of his choice. His attitude changes from one of receptivity and acquiescence to one of active inquiry and initiative. He is charged with the responsibility of finding new materials, new arrays of facts, and of subjecting them to his own independent analysis, to the end that new relationships may be discovered or new evaluations made. His initiative, his analytical and creative powers, his quality of persistence, are tested and developed to a degree impossible of attainment in the undergraduate years.

The School of Commerce is prepared to offer graduate instruction and facilities for graduate research activities in the fields indicated by the senior study groups. Courses have been developed exclusively for graduate students. They are designed primarily for the encouragement and guidance of research activity, and in

consequence are conducted informally and on a basis of close personal contact between professor and student.

GRADUATE DEGREES

The School of Commerce offers the graduate degree of Master of Science in Commerce. Candidacy for this degree is conditioned upon the holding of an S.B. in Commerce degree from this institution or from another institution of approved standing where the work required in commerce is of substantially the same nature and volume. Graduates of other institutions who hold the A.B. degree are advised to register as candidates for the Master of Arts degree, majoring in Economics. In this way a limited number of commerce courses may be secured for graduate credit; or, if the student desires, by prolonging the period of residence, the undergraduate deficiencies may be removed, leaving the path clear for the degree of Master of Science in Commerce.

The Department of Economics offers the degree of Doctor of Philosophy. In conjunction with the departments of History, Sociology, and Rural Social Economics, it also offers the degree of Doctor of Philosophy in Social Science. (For the general rules and regulations governing the candidates for these degrees see catalogue of the Graduate School.)

Graduates of other institutions desiring to enter the School of Commerce as candidates for higher degrees should submit their records together with application for entrance to the dean of the Graduate School.

The conferring of the degree of Master of Science in Commerce assumes as a minimum the completion of nine full courses or their equivalent as approved by the Dean, a residence period of at least one year, and the completion of a thesis which embodies the results of original research work on the part of the student. (For further details see the catalogue of the Graduate School.)

SPECIAL STUDENTS

There are many young people already in business who feel the need of additional special training but who are unable to spend the full four years at the University, or who cannot provide proper entrance credits. Recognizing this the School of Commerce will admit students of twenty-one years of age or over, who cannot fulfill the entrance requirements, as special students, but not as candidates for degrees. Such students must supply satisfactory evidence of their ability to profit from the courses and *will be admitted only to probation*. A personal interview with the Dean is recommended in connection with the application for admission.

LIBRARY FACILITIES

In addition to the facilities afforded by the General Library of the University, the School of Commerce is equipped with its own special library in Bingham Hall. In the latter are contained a large number of economic and business publications of recent years which may be of value to the student. An appropriation of \$2,000 annually assures that the collection will be well-maintained and kept up-to-date.

Especially noteworthy is the collection of periodical publications. Most of the important periodicals in the general field of business and finance are regularly received. In addition, the School of Commerce is a regular subscriber to over fifty trade journals, and to the statistical services of Brookmire, Gibson, the Babson Institute, and the Standard Statistics Company. The Harvard and Cambridge Economic Surveys are also provided.

A full time librarian is in charge and is prepared to aid students in the collection of such materials for research work as may not be currently available in the University. Special library privileges are accorded graduate students who have access to the stack rooms and private desk space.

LECTURES AND OBSERVATION TRIPS

Students are expected to take advantage of the frequent opportunities to hear lectures offered by prominent business men who are invited to the University for this purpose. These lectures will prove of great value to the student in furthering his acquaintance with the practical aspects of business.

From time to time the classes in business subjects make visits to neighboring factories and other types of business institutions for the purpose of making first-hand studies of organizations and administrative methods.

APPRENTICESHIPS

During the summer, between the Junior and Senior years, each student will be expected to spend his time working in an establishment in the line of business for which he is preparing. This may begin in the summer following the Sophomore year. An effort will be made to assist students in securing such opportunities for the summer. However, the School must not be regarded as an employment agency, as one of the most valuable experiences in training for business comes from locating opportunities for one's self. The University itself, in its business aspects, will be used as a working laboratory. Wherever possible each student before graduation will be required to make a careful analysis of a going concern in the field of his practical interest.

STENOGRAPHY

No credit toward the degree is given for stenography but every student is urged to acquire facility in the use of it before graduation. Instruction in this subject is not offered by the University but can be secured in Chapel Hill in a private school.

ECONOMICS CLUB AND FRATERNITIES

The Economics Club is an organization of advanced students and faculty members formed for the purpose of studying and discussing practical current economic and business problems and tendencies. Meetings are held every two weeks on Monday evenings. Members are elected on the basis of demonstrated interest in the purposes of the Club and ability to contribute to its discussions.

Two national commerce fraternities have chapters in the University: Alpha Kappa Psi and Delta Sigma Pi. These fraternities are professional in character and perform valuable services in the preparation of students for a business career. Membership includes both students and faculty.

STANDARDS OF WORK

The School has been admitted to membership in the American Association of Collegiate Schools of Business. This is an organization formed for the promotion of thorough-going, scientific training for the business profession. It maintains high standards of membership based on the number and training of the faculty, the thoroughness of the work, the length and breadth of the curriculum, the number of students, the financial backing of the school, and the facilities for carrying on the work.

STUDENT HABITS

Training for business, if it is to be worthy of the name, should include at least two elements: first, an understanding of the principles and processes of business; and second, the practice of habits of work essential to business success. Observation appears to justify the conclusion that promptness, industry, systematic application, and honest performance are quite as vital to mastery in the business world as an understanding of the nature of industrial and commercial phenomena. It is wasteful, then, to allow students to proceed far in this field if they are unwilling to fashion their habits in conformity with these essential requirements. The policy of the School will be to drop from its rolls any student who fails to respond to the above standards.

REQUIREMENTS FOR ADMISSION

See page 55.

EXPENSES

See page 59-62.

**COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE
IN COMMERCE**

The degree of Bachelor of Science in Commerce will be conferred upon students who satisfy the entrance requirements and complete the four-year course as outlined below, consisting of not less than thirty-seven courses.

In case Freshman courses are taken after the student's sixth quarter or Sophomore courses are taken after his ninth quarter half credit only will be allowed.

The work in the Freshman and Sophomore years is the same in all the courses of study, unless otherwise indicated, and is as follows:

Freshman Year

English 1	Economics A
Mathematics 1-2	French 3-4, or
History 1-2	Spanish 3-4, or
Geology 5	German 3-4

Sophomore Year

English 3, 4, 5 (Select two)	Zoölogy 1-2, or
Economics 1-2	Botany 1-2, or
Economics 5	Chemistry 1-2, or
French 5, 9, or	Physics 1-2, or
Spanish 5, 9, or	Geology 1-2
German 21, 22	

In order that the Junior and Senior subjects may be chosen in such a way as to constitute a coherent and comprehensive whole, rather than an unrelated and scattered series, the following programs have been devised. Each student is expected to elect at the beginning of his Junior year the group which best serves his needs and to adhere to it. Any changes must be approved by the Administrative Board of the School.

I. FACTORY ORGANIZATION AND ADMINISTRATION

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Commerce 5, 11, 12, 60-61, 62, Economics 30 or 40, English—elective to be approved by Dean,* select one course from the following: Government 2, 36, or 38, or Economics 13, or Philosophy 2, 3, or 6.

* English 1a may be substituted for this English elective if it was taken in the Freshman year.

II. BANKING AND FINANCE

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Commerce 12, 30 (or 31 and 35), 36, 60-61, 62, Economics 12, 30 (or 40), English—elective to be approved by the Dean,* select one from the following: Economics 13, Government 2, 36 or 38, Philosophy 2, 3, or 6.

III. MARKETING

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, 24.

Senior Year

Commerce 41, 22 (or 23), 60-61, 62, Economics 12, 30, (or 40), English—elective to be approved by the Dean,* Government 1, select one from the following: Economics 13, Government 2, 36 or 38, Philosophy 2, 3, or 6.

IV. RETAIL MERCHANDISING

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, 24.

Senior Year

Commerce 20 (or 22), 23, 60-61, 62, Economics 12, 30 (or 40), English—elective to be approved by the Dean,* Government 1, select one course from the following: Economics 13, Government 2, 36, or 38, Philosophy 2, 3, or 6.

V. ADVERTISING AND SALESMANSHIP

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Commerce 20, 21 (or 26), 22, 60-61, 62, Economics 24 (or 12), 30 (or 40), Psychology 36, English—elective to be approved by the Dean,* select one from Economics 13, Government 2, 36, or 38, Philosophy 2, 3, or 6.

VI. PERSONNEL MANAGEMENT

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Commerce 11, 14, 60-61, 62, Economics 30, 40, Psychology 35 or Sociology 1, English—elective to be approved by the Dean,* select one from Economics 13, Government 2, 36, or 38, Philosophy 2, 3, or 6.

* English 1a may be substituted for this English elective if it was taken in the Freshman year.

VII. RISK-BEARING AND INSURANCE**Junior Year**

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Economics 20, 40, Commerce 36, 38, 39, 60-61, 62, English—elective to be approved by the Dean,* select one from Economics 13, Government 2, 36, or 38, Philosophy 2, 3, or 6.

VIII. TRANSPORTATION AND SHIPPING**Junior Year**

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Economics 15, 24, 40, Commerce 11, 50, 51, 60-61, 62, English—elective to be approved by the Dean,* select one from Economics 13, Government 2, 36, or 38, Philosophy 2, 3, or 6.

IX. BUSINESS LAW**Junior Year**

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Commerce 12, 36, 62, Economics 13, 40, English—elective to be approved by the Dean,* Government 38, select three from the following: Commerce 39, Economics 14, 15, 20, 24, 30, 54, Government 2, Philosophy 10-11-12.

X. ACCOUNTANCY**Junior Year**

Commerce 1-2, 3, 10, Economics 7, 10, 11, Psychology 1-2.

Senior Year

Commerce 4, 5, 6, 12, 60-61, 62, Economics 40, Government 1, 38 (or 36), English—elective to be approved by the Dean.*

XI. FOREIGN TRADE AND THE CONSULAR SERVICE

NOTE: It should be understood that this program merely lays the foundation for more advanced and specialized study prerequisite to the proper preparation of candidates for the consular service. One general course in Foreign Trade Technique cannot be expected to eliminate an apprenticeship in that field, but it should materially shorten it.

Junior Year

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government 1.

Senior Year

Economics 24, 26, 40, 47, Commerce 46, 51 (or 31), 60-61, 62, Government 2, English 20 or an additional course in French, Spanish, or German.

* English 1a may be substituted for this English elective if it was taken in the Freshman year.

XII. GENERAL COURSE**Junior Year**

Commerce 1-2, 10, Psychology 1-2, Economics 7, 10, 11, Government, 1.

Senior Year

Commerce 60-61, 62, Economics 30 (or 40), 12 (or 20), English—elective to be approved by the Dean,* select one from each group: 1. Commerce 3, 5, 6, 12, 30, 31, 38, 39. 2. Economics 13, 15, 47, 54. 3. Economics 24, 26; Commerce 20, 22, 23. 4. Economics 13; Government 2, 36, 38; Philosophy 2, 3, 6.

XIII. COMBINED COURSE IN COMMERCE AND LAW

For the details of this course please see under the School of Law, Part Five.

* English 1a may be substituted for this English elective if it was taken in the Freshman year.

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KATHARINE JOCHER, A.M., *Lecturer on Family Case Work.*

GEORGE HAROLD LAWRENCE, A.M., *Supervisor of County Field Work.*

* Absent on leave, year 1928-1929.

** The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

HISTORICAL STATEMENT

The School of Public Welfare of the University of North Carolina was authorized by the Board of Trustees at their mid-year meeting in January, 1920, on the recommendation of President Harry Woodburn Chase. The recommendation was made with the needs both of the college and the extension service of the University in mind and with the thought that such a School of Public Welfare would be built up around the Department of Sociology.

THE GENERAL PLAN OF WORK

In accordance, therefore, with the purposes of the School as set forth by the President and Trustees of the University plans for effective organization were begun and tasks entered upon during the Summer School of 1920. To meet the specific needs of the State and the University, and to some extent the South, a four-fold service was planned. The first emphasizes instruction in Sociology and Social Problems, including teaching in the College and University, extension teaching through the Extension Division for outside communities, and through general instruction and promotion of citizenship. The second emphasizes training for special work and community leadership, with special reference to town, village, and rural communities, and with special application to the State of North Carolina and the South. This division hopes to meet the very urgent demands of the State for trained men and women for its county superintendents of public welfare and other official positions and of many communities throughout the south for Red Cross secretaries and other community workers in the mill village and elsewhere. The third aspect of the work emphasizes direct and indirect community service, or social engineering through the avenues of community leaders, county superintendents of public welfare, local and district conferences, and community planning for leaders, industrial managers, and others. The fourth aspect emphasizes social research, scientific inquiry, and publication of results estimated to be of value to the State, the University, and to the general public welfare and social progress. A fifth general purpose, kept constantly in the foreground, provides, that the School maintain close and cordial coöperation with the State Department of Public Welfare, with other State departments of public service, with other departments and schools of the University, and with local and national voluntary agencies.

UNIVERSITY ORGANIZATION

In the classification of services just described it is important to keep in mind the larger two-fold nature of the work. Instruction in the college and the University, together with research into social

problems, constitutes the primary function of the Department of Sociology; while training for professional social work, extension services, and assistance in coördinating and perfecting public services mark the primary work of the School of Public Welfare as an integral administrative unit of the University. The work of the Department of Sociology is credited like that of other Departments in the College of Liberal Arts and other Schools, and may be counted toward the several degrees. The graduate degrees given in the School of Public Welfare, with Majors in Sociology or social work, are granted through the Graduate School of the University, as are all other graduate degrees. The University believes that professional training for social work and community leadership will make substantial progress in the projection of the ideals of a university professional school into the practical programs of public welfare. These ideals include: A standard curriculum of permanent and administrative unity; a special faculty of trained teachers; a faculty of coöperating university professors; the large university faculties and influence; a group of students well prepared and possessing the personality and character for leadership; a program of field work which provides adequate training and contributes to community building; the support of an enthusiastic and informed constituency; cordial coöperation with departments of public service and with private enterprise; the spirit of scientific and constructive work characteristic of the best educational statesmanship.

THE PLAN OF INSTRUCTION

In planning the courses of instruction, two important considerations have been kept constantly in mind: The first is to provide the necessary courses in social theory and applied sociology for the student who wishes to major in Sociology or to elect subjects from this department adequate for his purposes. The second consideration has in mind the necessary background, philosophy, and technique prerequisite to the preparation for social work in the larger and more effective way. In the first group, courses consist largely of the study of the history and theory of society, together with special problems like immigration, social pathology, penology, the negro problem, statistics, and social research and seminars on special topics assigned to the student. Such courses may be elected by college students and counted toward other degrees, or they may be elected and coördinated with the special courses for the training for professional social work.

In the group of courses prepared especially for the training of social workers and community leaders the institutions and institutional modes of life are the centers around which are built the instruction and field work required of all who select this plan of

preparation. The six fundamental institutional modes of life emphasized are: the home and family; the school and education; the church and religion; the state and government; industry and work; the community and association. No courses are offered in the field of religion and the church, but courses in philosophy may be elected if desired, and the place of the church is treated thoroughly in all courses in community organization and community work, as well as in courses dealing with social theory and organization. The plan of instruction, then, follows the division set forth below:

- I. General Social Theory.
- II. The Home and Family.
- III. The Community and Association.
- IV. The State, Government, and Public Institutions.
- V. The School and Education.
- VI. Play and Recreation.
- VII. Industry and Work.
- VIII. Methods of Organization and Administration.
- IX. Field Work.
- X. Summer Institutes of Public Welfare.

In each of these divisions courses listed are correlated with other courses, both in the Department of Sociology and the School of Public Welfare, and in the Departments of Economics, Government, Psychology and the Schools of Education and Commerce. The courses tending more nearly to specialization in industrial management and industrial welfare will be strengthened as the demand increases to include a large number from which to choose. In making plans for enrolling or electing courses the student should make special inquiry to ascertain whether all courses listed are given during any specific year. The exact statement of term courses is given where possible, but the special needs of students, together with other considerations, make it advisable to allow some flexibility in arranging final schedules.

CANDIDATES FOR GRADUATE DEGREES

It is expected that those graduate students who are pursuing courses leading to graduate degrees, if they major in sociology or social work, shall select a minor from the fields of rural social science, economics, psychology, government, education, or history. In each of these fields North Carolina is rich in available opportunities for research and leadership and the several departments are well equipped to do the work of the highest order. Candidates for the Ph.D. degree will make special inquiries concerning requirements in addition to those specified in the Graduate School. In the announcements that follow reference is made to several departments and selected courses listed to indicate the opportunities for appropriate electives in other departments.

PUBLIC OFFICIALS AND OTHER TRAINED WORKERS

Municipal and county officers and other officials will be interested, and students graduating and looking forward to careers of promise should be interested in many of the courses. The judge of the juvenile court, the county commissioners, members of boards of schools and other institutions, county superintendents of public welfare, county demonstration agents, county health officers, community service executives, teachers in schools for adults, and many other public officials of state, county, and municipality will find inspiration and help in this course.

In the days to come the visiting teacher may prove to be one of the most important of all public service individuals and will find in training for community work the basis for outstanding success. The visiting teacher has been described as the agent of adjustment of conditions in the lives of individual children to the end that they may make more normal progress. This end is attained by visits first to the school, then to the home, then to the county superintendent of public welfare or other coöperating agency, thus gathering up the loose threads and focussing them upon home, school, and community. No less than special classes the school of democracy will have its visiting teachers alongside the superintendent of public welfare to help make democracy real in the unequal places. The field of research in the social sciences is in need of many trained men and women for immediate tasks.

THE SCOPE OF PROFESSIONAL COURSES

In addition to regular graduate degrees and the special courses selected and combined to meet the needs of special public officials, the following types of courses are given. Details of these may be gained from descriptions of courses.

I. A one-year course of professional training consisting of two quarters in residence and one quarter in field work under supervision. This course is open to graduates of colleges of good standing. In addition to the specialized field work required during the third quarter, students taking this course will carry on field work in counties adjacent to the University during the two quarters in residence. A certificate will be issued upon completion of this course.

II. A two-year course of professional training. The first year of this course is identical with the one-year course. It will be followed by another year both in residence and in the field. Courses during the second year are designed for more intensive specialization and research and for more responsible administrative and executive work. A diploma will be issued upon completion of this course.

III. A four-year collegiate course, leading to the A.B. degree with a major in Sociology or social work is available for undergraduates and especially adapted to those who wish to prepare for special leadership in educational and administrative work in this field. It also makes the student thus graduating eligible for the advanced pure graduate course in social work and administration.

IV. Special courses of one, two, or three quarters arranged for students desiring to do special research or short time work. Students not eligible to the regular courses by reason of not holding a degree may be admitted to these special courses as *special students* provided they have had sufficient general education and practical experience to insure satisfactory work.

V. Summer institutes, arranged for special groups including superintendents of public welfare, county directors of community recreation, Red Cross secretaries, teachers and principals interested specially in community work, and others.

For further particulars concerning scholarships, fellowships, publications, courses, and other details write to the Director.

THE GRADUATE SCHOOL

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*

JAMES FINCH ROYSTER, Ph.D., *Dean.*

ALMONTE CHARLES HOWELL, Ph.D., *Assistant to the Dean.*

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The Graduate School finds its province in the fostering of research, in training students to become investigators and teachers in special fields of learning, and in supplying opportunity for further study to those who have already completed a college course. The University of North Carolina has been interested in research for more than a century, and has made noteworthy contributions in science, history, and the languages. Through its research clubs and learned journals, as well as through publications and other contributions to learning made by members of its faculty, the University has acquired the authority to give advanced instruction. For this it is competent both from the standpoint of the personnel of its faculty and in material equipment in libraries and laboratories.

Work for advanced degrees is under the supervision of the Graduate Faculty, which consists of those officers of professional rank who are chiefly interested in the Graduate School, either because they offer courses for graduate students or because of their interest in research. The immediate direction of the Graduate School is in charge of an Administrative Board, of which the Dean is chairman.

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

ADMISSION TO THE GRADUATE SCHOOL

Holders of bachelor's or higher degrees from standard colleges are admitted to the Graduate School upon presentation of their credentials and without examination. Admission to the Graduate School does not imply admission to candidacy for a higher degree, nor does it guarantee that the master's degree may be attained after one year's residence, or the doctor's degree after a residence of two or three years. Exact prescriptions for advanced degrees are made on the basis of the record of the student at this University as well as at his undergraduate college; they are determined for students as individuals, not as graduates of an approved college, and they may vary in accordance with the preparation of the student in the field in which he proposes to do advanced work. Further information on specific points will be found in the current issue of the catalogue of the Graduate School.

EXPENSES

See pages 59-62.

FELLOWSHIPS AND OTHER AIDS

Twenty-four University Fellowships, each with a stipend of \$500, are available to graduate students. These fellowships carry free tuition (not including laboratory fees), and are payable in nine monthly installments, beginning in October of the year for which they are awarded. Holders of these fellowships are expected to perform certain limited services as teachers or laboratory assistants in the department to which they are assigned. This department must be the major department of graduate study, and each holder of a fellowship will be required to pursue advanced courses in the department during his term as fellow.

Fellowships are awarded only to men who present satisfactory records as students and who give promise of being able to carry on advanced work with distinction. Teaching experience is desirable, but is not required.

Fellows are not permitted to hold any other office or position connected with the University, and they may not occupy any position outside the University during the term of the fellowship, or engage in any work for pay without the written permission of the Dean.

Correspondence in regard to the teaching fellowships may be addressed to the Dean or to the head of the department in which the candidate proposes to do his major work. A special form of application, to be secured from the Dean's office, must be filed before March 15th. Elections to fellowships will be made by the Administrative Board of the Graduate School, on nomination by

the department which the fellowship is to be assigned. Since the University is a member of the Association of American Universities, the rules of that Association in regard to fellowships are followed.

Ten Research Assistantships, each paying \$1,500, have been established in sociology and related fields, in connection with the Institute for Social Research. These appointments carry free tuition, and certain additional expense allowances are made, particularly for field work. Candidates must be able to qualify for admission to the Graduate School, must become candidates for higher degrees, and must, in addition, have at least one year of approved graduate work before appointment. Appointments are for one year, but may be renewed if the record justifies such action.

Fifteen University Scholarships are available on the same general terms as those governing the fellowships, except that they are open to women also. These Scholarships carry remission of tuition fees, and require no services. They are open to candidates in any department represented in the Graduate School.

A limited number of appointments as Teaching Assistants are also available. The stipend ranges from \$500 to \$800, and tuition fees are remitted. They require approximately half-time teaching, the remainder of the time being devoted to advanced study in the department in which the appointment is held.

GENERAL REGULATIONS

The unit of work is the course, by which is meant, as a rule, a class meeting five times a week. Half courses are also offered. In some courses open only to graduate students, such as the seminars and other research courses, the formal class exercises are modified. But all such work is credited in terms of courses and half courses.

Students are ordinarily expected to register for three courses. But two half courses may be substituted for a full course. Not more than three courses, or fifteen hours of class attendance, will be permitted. Students of more than one year's standing, candidates for the doctor's degree, are permitted greater latitude with reference to courses for which formal registration is required. Such considerations as the amount of time devoted to research, to work on the doctoral dissertation, and the like, weigh in the estimate of what constitutes full work. But in all such cases detailed reports by the Department are required before residence credit is given.

Graduate students who desire credit for attendance at the Summer Session must register at the office of the Dean. The rules respecting admission to candidacy for higher degrees, for selection and approval of courses and for the higher degrees, are the same in their application to Summer Session students as in the case of students registered for the regular session.

Only work announced as open for graduate credit in this Catalogue or in the Bulletin of the Summer Session may be counted toward the higher degree.

Work done *in absentia* will not be counted for graduate credit, except that in certain cases approved by the Department and by the Administrative Board part of the work on the thesis for a higher degree may be done elsewhere, and except, further, that part of the work required for the degree of Doctor of Philosophy, may, on the recommendation of the major department and with the approval of the Administrative Board, be done at another University. But all such work, even when credited, is subject to examination at the finals required for the degree.

Graduate students are subject to the same rules regarding attendance upon classes, faithfulness to assigned tasks, examinations, and credit as students in other departments of the University. But graduate work pre-supposes a greater amount of time for research in the library or the laboratory, and the student, being more mature, is thrown more upon his own responsibility. For these reasons excessive registration is not permitted. The whole idea of graduate work is comprised in a more intense specialization and, therefore, more complete investigation than is necessary or wise in undergraduate instruction.

Each graduate student works under the direction of a special committee which consists usually of the head of the major department, or of some member of the staff of that department under whom the candidate is doing special work, who serves as chairman, and the other instructors with whom the candidate is registered.

In the Graduate School, the following grading system obtains:

"High," which represents work of distinction;

"Passed," which represents satisfactory work;

"Failed," which represents work that is unsatisfactory for graduate credit.

No work falling below the standard represented by the grade of "Passed" is counted for graduate credit. If, in the judgment of the Administrative Board, the quality of the work done by any student falls below the standard expected of graduate students, the registration of such a student will be cancelled.

GRADUATE DEGREES

The degrees under the supervision of the Graduate Faculty are Master of Arts (A.M.), Master of Science (S.M.), and Doctor of Philosophy (Ph.D.). For a complete statement of the requirements for these degrees reference must be made to the special Catalogue of the Graduate School.

FACILITIES FOR RESEARCH

Statements concerning the libraries of the University and concerning laboratory facilities will be found elsewhere in the Catalogue. The University publishes three journals of research, all of them firmly established and widely known. *The Elisha Mitchell Journal*, now in its forty-fifth year, has published a very large number of scientific papers, particularly in chemistry, botany, and zoölogy. The *James Sprunt Historical Studies*, of which several volumes have appeared, are devoted to the results of historical studies, chiefly relating to North Carolina. *Studies in Philology*, a quarterly journal, now in its twenty-sixth volume, originally was devoted to the publication of monographs by members of the language departments of the University, but is now conducted on the same lines as *Modern Philology*, *Modern Language Notes*, *The Classical Journal*, and other journals of research, printing contributions by the foremost American scholars. *Social Forces* and the *North Carolina Law Review* have recently been established as journals of research in the two fields represented by their titles.

Several departments maintain their own clubs for the purpose of stimulating interest in research. Of wider appeal are such organizations as the Elisha Mitchell Scientific Society, founded in 1883, and the Philological Club, founded and maintained by the language departments of the University. To these organizations graduate students are admitted. There is also a Graduate Club, composed of graduate students, which holds meetings for the purpose of stimulating interest in the method of research in general and in the relation of fields of investigation to each other.

A Bulletin of *Research in Progress* is issued annually by the Graduate School, and contains abstracts of publications by members of the faculty, abstracts of theses presented for advanced degrees, and reports of investigations under way in the various departments.

FURTHER INFORMATION

Inquiries as to advanced work in special departments may be addressed to the heads of departments in which the student is interested. Inquiries relating to graduate work in general, admission, credits, requirements for degrees, requests for bulletins, and the like, should be addressed to the Dean of the Graduate School.

THE SUMMER SCHOOL, 1928

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NATHAN WILSON WALKER, A.B., Ed.M., *Director.*

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MARY HYMAN, B.A., *Supervisor of Elementary Schools, Orange County, N. C.*
THEODORE HENLEY JACK, Ph.D., *Professor of History and Dean of the Graduate School, Emory University.*
LILY NELSON JONES, *Supervisor of Writing, Durham City Schools, Durham, N. C.*
ELISHA KENT KANE, Ph.D., *Associate Professor of Spanish.*
NELSON OTIS KENNEDY, Mus.B., *Instructor in Music.*
ARNOLD KIMSEY KING, A.M., *Assistant Professor of the Teaching of History.*
HAZEL GERTRUDE KINSCHELLA, B.Mus., M.A., *Professor of Music, University of Nebraska.*
EDGAR WALLACE KNIGHT, Ph.D., *Professor of Education.*
JOHN WAYNE LASLEY, Ph.D., *Professor of Pure Mathematics.*
WILLIAM HARRELL LAURITSON, A.M., *Supervisor of Physical Education in Junior High Schools and Supervisor of Summer Playgrounds of City Schools, Lincoln, Neb.*
JOSEPH MERRITT LEAR, M.A., *Associate Professor of Economics.*
GERALD RALEIGH MACCARTHY, Ph.D., *Assistant Professor of Geology.*
THOMAS SMITH MCCORKLE, B.M., *Assistant Professor of Music.*
ROGER PHILIP MCCUTCHEON, Ph.D., *Professor of English, Tulane University.*
JOHN HOLMAN MCFADDEN, A.M., *Graduate Student, The University of N. C.*

- WILLIAM JOHN MCKEE, C.E., M.A., *Professor of Education.*
WILLIAM DOUGALD MACMILLAN, Ph.D., *Associate Professor of English.*
ERNEST LLOYD MACKIE, Ph.D., *Associate Professor of Mathematics.*
ESTLE RAY MANN, A.M., *Teaching Fellow in Physics.*
SALLIE BELLE MARKS, M.A., *Assistant Professor of Elementary Education.*
RUDOLPH SAMUEL MATTHEWS, A.B., *Instructor in German.*
WILLIAM MARION MEBANE, S.M., *Instructor in Chemistry.*
HAROLD DIEDRICH MEYER, A.M., *Professor of Sociology.*
HARRY CURTIS MITCHELL, Ph.D., *Professor of History, University of Maine.*
MAURICE AUGUSTUS MOORE, JR., A.M., *Assistant in English.*
ESEK RAY MOSHER, Ed.D., *Professor of Education and Director of Training.*
HOWARD FREDERICK MUNCH, M.A., *Associate Professor of the Teaching of Mathematics.*
CLAUDIUS TEMPLE MURCHISON, Ph.D., *Professor of Applied Economics.*
HOWARD WASHINGTON ODUM, Ph.D., *Kenan Professor of Sociology and Director of the School of Public Welfare.*
GREGORY LANSING PAINE, Ph.D., *Associate Professor of English.*
JAMES RUEY PATRICK, A.M., *Instructor in Psychology.*
HOWELL GRADY PICKETT, Ph.D., *Instructor in Chemistry.*
EARLE KEITH PLYLER, Ph.D., *Associate Professor of Physics.*
JAMES WILLIS POSEY, A.M., *Instructor in English.*
CARLETON ESTEY PRESTON, Ph.D., *Associate Professor of the Teaching of Science.*
WILLIAM FREDERICK PROUTY, Ph.D., *Professor of Stratigraphic Geology.*
THOMAS GRANVILLE PULLEN, JR., A.M., *Principal, Catonsville High School, Catonsville, Md.*
CHARLES WILLIAM RAMSDELL, Ph.D., *Professor of History, University of Texas.*
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JAMES FINCH ROYSTER, Ph.D., *Kenan Professor of English Philology and Dean of the Graduate School.*
WILEY BRITON SANDERS, A.M., *Associate Professor of Sociology.*
GUSTAV THEODOR SCHWENNING, Ph.D., *Associate Professor of Business Organization.*
SAMUEL SELDEN, A.B., *Instructor in English.*
FREDERICK CARLYLE SHEPARD, A.M., *Graduate Student, The University of North Carolina.*
VESTA M. SHIMEL, M.A., *Supervisor of Industrial Arts Department, Grand Rapids Junior College.*

- JOHN LEROY SMITH, A.M., *Instructor in French.*
 COLLIER BRYSON SPARGER, S.M., *Instructor in Accounting.*
 CORYDON PERRY SPRUILL, A.B., B.Litt. (Oxon.), *Associate Professor of Economics.*
 BENJAMIN ALONZO STEVENS, A.M., *Formerly Associate Professor of Education, The University of N. C.*
 STERLING AUBREY STOUDEMIRE, A.M., *Instructor in Spanish.*
 THOMAS BRADLEY STROUP, A.M., *Instructor in English, Georgia School of Technology.*
 OTTO STUHLMAN, JR., Ph.D., *Professor of Physics.*
 JOSEPHINE SWIFT, M.A., *Department of Fine Arts, University of Cincinnati, Cincinnati, Ohio.*
 ELIZABETH HARDY THOMPSON, A.B., B.L.S., *Head of Cataloguing Department.*
 HENRY ROLAND TOTTEN, Ph.D., *Associate Professor of Botany.*
 WALTER DALLAM TOY, M.A., *Professor of the Germanic Languages and Literatures.*
 MARION REX TRABUE, Ph.D., *Professor of Education Administration.*
 MARTIN WHITFORD TRAWICK, A.B., *Instructor in Physics.*
 CHARLES TROXELL, *Instructor in Music.*
 RALPH WINFRED TYLER, Ph.D., *Associate Professor of Education.*
 HUGH DUDLEY USSERY, A.B., *Assistant in Physics.*
 CHARLES GRAVES VARDELL, JR., B.A., *Dean, School of Music, Salem College.*
 PAUL WOODFORD WAGER, Ph.D., *Assistant Professor of Rural Social Economics.*
 HENRY MCGILBERT WAGSTAFF, Ph.D., *Professor of History.*
 HAZEL GANTT WEAVER, A.B., Chapel Hill, N. C.
 PAUL JOHN WEAVER, B.A., A.A.G.O., *Professor of Music.*
 LEON WILEY, A.M., *Instructor in French.*
 JOHN L. WILSBACH, M.A., *Instructor in Music, Lincoln School, New York City.*
 THOMAS JAMES WILSON, III, D.Phil.(Oxon.), *Assistant Professor of French.*
 ARTHUR SIMEON WINSOR, Ph.D., *Associate Professor of Mathematics*
 EDWARD JAMES WOODHOUSE, B.A., LL.B., *Professor of Government.*
 LOUIS BOOKER WRIGHT, Ph.D., *Instructor in English.*
 ERICH WALTER ZIMMERMAN, Ph.D., *Professor of Commerce and Resources.*

COLLEGE AND GRADUATE COURSES

The letter "s," meaning summer, is prefixed to the numbers of courses to distinguish them from the numbers employed in the annual catalogue to designate the courses of the regular college year.

The letter C indicates that a course may be counted toward the bachelor's degree in the appropriate School of College of this University as indicated by the Roman numerals added after the statement of the amount of credit carried by the particular course. The letter E in the case of French and Spanish courses indicates that entrance credit is given. In this scheme of numerals I means College of Liberal Arts; II, School of Education; III, School of Commerce; IV, Premedical course, or for S.B. in Medicine; V, School of Applied Science; the abbreviation G indicates that a course so marked is of graduate grade and may be counted toward the master's degree.

ART HISTORY

GREEK s14. MASTERPIECES OF GREEK LITERATURE IN ENGLISH TRANSLATIONS. *Five hours a week, first term.* C. I, II. Mr. Bernard.

GREEK s61a. ART HISTORY. *Five hours a week, first term.* C. I, II. Mr. Bernard.

GREEK s61b. ART HISTORY. *Five hours a week, second term.* C. I, II. Mr. Harland.

GREEK s65. ART HISTORY. *Five hours a week, second term.* C. I, II. Mr. Harland.

GREEK s114. MASTERPIECES OF GREEK LITERATURE IN ENGLISH TRANSLATIONS. (See Greek s14.) G. Mr. Bernard.

BIOLOGY

(See under Botany and Zoölogy below.)

BOTANY

s1. GENERAL BOTANY. *Four lectures and four laboratory hours a week, both terms.* C. I, II, III, IV, V. First term, Mr. Totten. Second term, Mr. Couch.

s2. STRUCTURE AND CLASSIFICATION OF SEED PLANTS. *Two lectures and eight laboratory hours a week, both terms.* C. I, II, III, IV, V. First term, Mr. Totten. Second term, Mr. Couch.

s4. SPECIAL MORPHOLOGY OF THE FUNGI.

CHEMISTRY

s1. GENERAL DESCRIPTIVE CHEMISTRY. *Four lectures and four laboratory hours a week, both terms.* C. I, II, III, IV, V. First term, Mr. Bell. Second term, Mr. Pickett.

s2. GENERAL DESCRIPTIVE CHEMISTRY. *Four lectures and four laboratory hours a week, both terms.* C. I, II, III, IV, V. First term, Mr. Crockford. Second term, Mr. Pickett.

s13. CHEMISTRY OF FOODS. *Five lectures a week, both terms.* C. I, II, III, IV, V. First term, Mr. Bost. Second term, Mr. Brooks.

s31. QUALITATIVE ANALYSIS. *Five lectures and fifteen laboratory hours a week, first term.* C. I, II, IV, V. Mr. Mebane.

s41. QUANTITATIVE ANALYSIS. *Five lectures and fifteen laboratory hours a week, first term.* C. I, II, IV, V. Mr. Mebane.

s42. QUANTITATIVE ANALYSIS. *Five lectures and fifteen laboratory hours a week, second term.* C. I, II, IV, V. Mr. Mebane.

s61. ORGANIC CHEMISTRY. *Six lectures and twelve laboratory hours a week, first term.* Mr. Bost.

s62. ORGANIC CHEMISTRY. *Six lectures and twelve laboratory hours a week, second term.* C. I, IV, V. Mr. Brooks.

s81. PHYSICAL CHEMISTRY. *Six lectures and eight laboratory hours a week, first term.* C. I, II, IV, V, or G. Mr. Crockford.

s82. PHYSICAL CHEMISTRY. *Six lectures and eight laboratory hours a week, second term.* C. I, II, IV, V, or G. Mr. Crockford.

s83. PHYSICAL CHEMISTRY. *Twelve lectures a week, first term.* C. I, II, IV, V, or G. Mr. Bell.

s84. PHYSICAL CHEMISTRY. *Twelve lectures a week, second term.* C. I, or G. Mr. Crockford.

s141. ADVANCED ANALYTICAL CHEMISTRY. *First term.* G. Mr. Dobbins.

s161a. RESEARCH IN ORGANIC CHEMISTRY. *First term.* G. Mr. Bost.

s162a. ADVANCED ORGANIC CHEMISTRY. *First term.* G. Mr. Bost.

s182. RESEARCH IN PHYSICAL CHEMISTRY. *Both terms.* G. First term, Mr. Bell. Second term, Mr. Crockford.

ECONOMICS AND COMMERCE

Commerce

s1. ACCOUNTING PRINCIPLES. *Ten hours a week, first term.* C. III. Mr. Sparger.

s2. ACCOUNTING PRINCIPLES. *Ten hours a week, second term.* C. III. Mr. Sparger.

s10. BUSINESS ORGANIZATION. *Ten hours a week, first term.* C. III. Mr. Schwenning.

Economics

s1. GENERAL ECONOMICS. *Ten hours a week, first term.* C. I, II, III, IV, V. Mr. Spruill.

s2. GENERAL ECONOMICS (continued). *Ten hours a week, second term.* C. I, II, III, IV, V. Mr. Lear.

s10. MONEY AND CURRENCY. *Ten hours a week, first term.* C. I, II, III, IV, V. Mr. Hoover.

s11. BANKING AND CREDIT. *Ten hours a week, second term.* C. I, II, III, IV, V. Mr. Murchison.

s12. BUSINESS CYCLES. *Ten hours a week, first term.* C. I, II, III, IV, V, or G. Mr. Murchison.

s13. PUBLIC FINANCE. *Ten hours a week, second term.* C. I, II, III, IV, V, or G. Mr. Brown.

s24. PRINCIPLES OF MARKETING. *Ten hours a week, second term.* C. I, II, III, IV, V, or G. Mr. Haring.

s26. INTERNATIONAL TRADE: THEORY AND POLICIES. *Ten hours a week, first term.* C. I, II, III, IV, V, or G. Mr. Zimmerman.

s40. THEORIES OF ECONOMIC REFORM. *Ten hours a week, first term.* C. I, II, III, IV, V, or G. Mr. Carroll.

EDUCATION

s1. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. *Five hours a week, through both terms.* C. I, II, III. Mr. Shepard.

s1a. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY (FIRST HALF OF EDUCATION s1). *Five hours a week, each term.* C. I, II. First term, Mr. Dimmick. Second term, Mr. Shepard.

s1b. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. (SECOND HALF OF EDUCATION s1). *Five hours a week, each term.* C. I, II. First term, Mr. Dimmick. Second term, Mr. Shepard.

s5b. GENERAL INTRODUCTION TO THE STUDY OF EDUCATION. *Five hours a week, through both terms.* C. II. Mr. McKee.

s20. EDUCATIONAL PSYCHOLOGY. *Five hours a week, through both terms.* C. I, II, III. Mr. Garinger.

s20a. EDUCATIONAL PSYCHOLOGY. (FIRST HALF OF EDUCATION s20). *Five hours a week, each term.* C. I, II. First term, Mr. Shepard. Second term, Mr. Garinger.

s20b. EDUCATIONAL PSYCHOLOGY. (SECOND HALF OF EDUCATION s20). *Five hours a week, each term.* C. I, II. Mr. Garinger.

s26ab. PUBLIC EDUCATION IN THE SOUTH. *Five hours a week, through both terms.* C. I, II, or G. Mr. Knight and Mr. Pullen.

s31ab. RURAL SCHOOL ORGANIZATION AND ADMINISTRATION. *Five hours a week, through both terms.* C. I, II, or G. Mr. Knight and Mr. Pullen.

s41a. PUBLIC SCHOOL ADMINISTRATION (FIRST HALF OF EDUCATION 41). *Five hours a week, first term.* C. I, II, or G. Mr. Trabue.

s42ab. ELEMENTARY SCHOOL PRINCIPALSHIP. *Five hours a week, through both terms.* C. I, II, or G. Mr. Stevens.

s43. ELEMENTS OF STATISTICAL METHODS. *Five hours a week, through both terms.* C. I, II, or G. Mr. Munch and Mr. Herring.

s48b. THE CLASSIFICATION OF PUPILS. *Five hours a week, first term.* C. I, II, or G. Mr. Trabue.

s49. MEASUREMENTS OF EDUCATIONAL EFFICIENCY: CHILD ACCOUNTING. *Five hours a week, through both terms.* C. I, II, or G. First term, Mr. Trabue. Second term, Mr. Stevens.

s51a. PRINCIPLES OF SECONDARY EDUCATION (FIRST HALF OF s51). *Five hours a week, each term.* C. I, II. First term, Mr. Mosher. Second term, Mr. Hood.

s51b. PRINCIPLES OF SECONDARY EDUCATION (SECOND HALF OF s51). *Five hours a week, each term.* C. I, II. First term, Mr. Mosher. Second term, Mr. Hood.

s52. GENERAL METHODS IN SECONDARY EDUCATION. *Five hours a week, through both terms.* C. I, II. Mr. McKee.

s52a. GENERAL METHODS IN SECONDARY EDUCATION (FIRST HALF OF EDUCATION s52). *Five hours a week, second term.* C. I, II. Mr. McKee.

s52b. GENERAL METHODS IN SECONDARY EDUCATION (SECOND HALF OF EDUCATION s52). *Five hours a week, second term.* Mr. McKee.

s56ab. SUPERVISION AND MEASUREMENTS IN SECONDARY EDUCATION. *Five hours a week, through both terms.* C. I, II, or G. Mr. Herring.

s57. THE HIGH SCHOOL PRINCIPALSHIP. *Five hours a week, through both terms.* C. II, or G. First term, Mr. Mosher and Mr. Garinger. Second term, Mr. Hood and Mr. Garinger.

s60. ELEMENTARY SCHOOL CURRICULUM. *Five hours a week, through both terms.* C. II, or G. Mr. Tyler and Miss Marks.

s62a. MEASUREMENTS IN ELEMENTARY EDUCATION. *Five hours a week, each term.* C. I, II, or G. Mr. Stevens.

s64. MENTAL MEASUREMENTS. *Five hours a week, second term.* C. I, II, or G. Mr. Herring.

s69. PROBLEMS OF MENTAL HYGIENE FOR TEACHERS. *Ten hours a week, first term.* C. II. Mr. Crane.

s70. MATERIALS AND METHODS OF TEACHING ENGLISH IN THE HIGH SCHOOL. *Ten hours a week, second term.* C. II. Mr. Farrar.

s72. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL FRENCH. *Five hours a week, through both terms.* C. II. Mr. Giduz.

s74. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL HISTORY. *Ten hours a week, first term.* C. II. Mr. King.

s78ab. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL MATHEMATICS. *Five hours a week, through both terms.* Or each part, $\frac{1}{2}$ course. C. II. Mr. Munch.

s80a. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL SCIENCE. *Five hours a week, first term.* C. II. Mr. Preston.

s101b. PROBLEMS IN SECONDARY EDUCATION. *Four hours a week, second term.* G. Mr. McKee.

s103ab. PROBLEMS IN EDUCATIONAL ADMINISTRATION. *Four hours a week, both terms.* G. Mr. Trabue.

s104ab. PROBLEMS IN EDUCATIONAL MEASUREMENTS. *Four hours a week, both terms.* G. Mr. Trabue.

s107a. TECHNIQUES IN EDUCATIONAL LEADERSHIP AND IN COMMUNITY LEADERSHIP. (FIRST HALF OF EDUCATION 107). *Five hours a week, second term.* G. Mr. Trabue and Mr. Stevens.

s108ab. PUBLIC SCHOOL BUILDINGS: SPECIFICATIONS AND PLANS. (SECOND HALF OF EDUCATION 108). *Five hours a week, both terms.* G. Mr. Trabue and Mr. Stevens.

s110ab. PROBLEMS IN EDUCATIONAL PSYCHOLOGY. *Four hours a week, each term.* G. Mr. Herring.

s126a. STUDIES IN AMERICAN EDUCATION. *Four hours a week, first term.* G. Mr. Knight.

s140. SEMINAR IN EDUCATION. THESIS COURSE. *Two hours a week.*

ENGLISH

s1. FRESHMAN ENGLISH. *Five hours a week, through both terms.* C. I, II, III, IV, V. First term, Mr. Posey. Second term, Mr. Stroup.

s1a. COMPOSITION. *Five hours a week, through both terms.* C. I, II, III, IV, V. First term, Mr. Moore. Second term, Mr. Stroup.

s4. ENGLISH LITERATURE. *Five hours a week, through both terms.* C. I, II, III, IV, V. First term, Mr. Posey. Second term, Mr. Adams and Mr. Stroup.

s4. SOPHOMORE ENGLISH. *Five hours a week, first term.* C. I, II, III, IV, V. Mr. MacMillan.

s31. DRAMATIC COMPOSITION. *Five hours a week, through both terms.* C. I, II. Mr. Heffner.

s34. DRAMATIC PRODUCTION. *Five hours a week, first term.* C. I, II. Mr. Selden.

s38. SHAKESPEARE: THE TRAGEDIES. *Five hours a week, through both terms.* C. I, II. First term, Mr. Hibbard. Second term, Mr. Howell.

s40. ENGLISH LITERATURE, 1557-1674. *Five hours a week, through both terms.* C. I, II, or G. First term, Mr. Wright. Second term, Mr. Howell.

s43. ELIZABETHAN DRAMA. *Five hours a week, through both terms.* C. I, II, or G. First term, Mr. Wright. Second term, Mr. Coffman.

s47. ENGLISH LITERATURE, 1660-1715. *Five hours a week, through both terms.* C. I, II, or G. First term, Mr. MacMillan. Second term, Mr. McCutcheon.

s51b. ROMANTIC MOVEMENT. *Five hours a week, first term.* C. I, II, or G. Mr. Paine.

s60. AMERICAN LITERATURE. *Five hours a week, through both terms.* C. I, II. First term, Mr. Hibbard. Second term, Mr. Adams.

s65b. AMERICAN LITERATURE: THE EARLY PERIOD. *Five hours a week, first term.* C. I, II, or G. Mr. Paine.

s71. MODERN DRAMA. *Five hours a week, through both terms.* C. I, II, or G. Mr. Heffner.

s81a. OLD ENGLISH: INTRODUCTORY COURSE. *Five hours a week, first term.* C. I, II, or G. Mr. Royster.

s116a. STUDIES IN EIGHTEENTH CENTURY LITERATURE. *Four hours a week, second term.* G. Mr. McCutcheon.

s131. SEMINAR: METHODS. *Four hours a week, through both terms.* G. First term, Mr. Royster. Second term, Mr. Coffman.

s141. RESEARCH IN A SPECIAL FIELD. *Five hours a week, through both terms.* G. First term, Mr. Royster. Second term, Mr. McCutcheon and Mr. Coffman.

FRENCH

(See under Romance Languages).

GEOLOGY

s1. INTRODUCTION TO GEOLOGY. *Six lectures and eight laboratory hours a week, each term.* C. I, II, III, IV. First term, Mr. Prouty. Second term, Mr. MacCarthy.

s2. HISTORICAL GEOLOGY. *Six lectures and eight laboratory hours a week, each term.* C. I, II, III, IV. First term, Mr. Prouty. Second term, Mr. MacCarthy.

s51. ADVANCED FIELD WORK. *First term.* Mr. Prouty.

s52. ADVANCED FIELD WORK. *First term.* Mr. Prouty.

s107. SPECIAL RESEARCH. *First term.* Mr. Prouty.

GERMAN

s1. ELEMENTARY COURSE. *Ten hours a week, first term.* C. I, II, III, IV, V. Mr. Matthews.

s3. INTERMEDIATE COURSE. *Ten hours a week, each term.* C. I, II, III, IV, V. Mr. Matthews.

s4. INTERMEDIATE COURSE. *Ten hours a week, first term.* C. I, II, III, IV, V. Mr. Brown.

s22. ADVANCED COURSE. *Ten hours a week, first term.* C. I, II, III, IV, V. Mr. Toy.

GREEK

(See under Art History.)

HISTORY

s31. HISTORY OF ORIENT AND EARLY GREECE. *Ten hours a week, first term.* C. I, II, or G. Mr. Caldwell.

s33b. THE ROMAN REVOLUTION. *Five hours a week, first term.* C. I, II, or G. Mr. Caldwell.

s37. THE PROTESTANT REVOLT. *Five hours a week, first term.* C. I, II, or G. Mr. Mitchell.

s44a. EUROPE, 1870-1914. *Five hours a week, first term.* C. I, II, or G. Mr. Mitchell.

s44b. THE WORLD WAR. *Five hours a week, second term.* C. I, II, or G. Mr. Mitchell.

s45. EUROPE FROM THE PROTESTANT REVOLT TO THE FRENCH REVOLUTION. *Five hours a week, second term.* C. I, II, or G. Mr. Mitchell.

s49ab. THE EXPANSION OF EUROPE. *Five hours a week, each term.* C. I, II, or G. Mr. Mitchell.

s51. AMERICAN COLONIES IN THE 17TH CENTURY. *Five hours a week, first term.* C. I, II, or G. Mr. Jack.

s53. THE UNITED STATES, 1787-1830. *Five hours a week, first term.* C. I, II, or G. Mr. Jack.

s55. THE CIVIL WAR, 1861-1865. *Five hours a week, second term.* C. or G. Mr. Ramsdell.

s58. THE UNITED STATES SINCE 1898. *Five hours a week, first term.* C. I, II, or G. Mr. Arnett.

s59. HISTORY OF NORTH CAROLINA, 1584-1789. *Five hours a week, first term.* C. I, II, or G. Mr. Arnett.

s59. HISTORY OF NORTH CAROLINA, 1584-1789. *Five hours a week, first term.* C. I, II, or G. Mr. Arnett.

s65. ECONOMIC AND SOCIAL HISTORY OF THE UNITED STATES, 1787-1830. *Five hours a week, second term.* C. I, II, or G. Mr. Woodhouse.

s75. THE OLD SOUTH, 1820-1860. *Five hours a week, second term.* C. I, II, or G. Mr. Ramsdell.

s121. SEMINAR IN THE JACKSONIAN PERIOD. *First term.* G. Mr. Jack.

GOVERNMENT

s1. NATIONAL GOVERNMENT OF THE UNITED STATES. *Five hours a week, second term.* C. I, II, or G. Mr. Woodhouse.

s36. INTRODUCTION TO LOCAL GOVERNMENT IN THE UNITED STATES. *Five hours a week, second term.* C. I, II, or G. Mr. Woodhouse.

LATIN

s3. LATIN POETRY. *Five hours a week, through both terms.* C. I, II. Mr. Gwynn.

s11. THE TEACHING OF LATIN IN THE HIGH SCHOOL. *Five hours a week, first term.* C. I, II. Mr. Gwynn.

s19. CAESAR. *Five hours a week, first term.* C. I, II. Mr. Gwynn.

s20. CICERO. *Five hours a week, first term.* C. I, II. Mr. Harrer.

s52. THE POETRY OF OVID. *Five hours a week, first term.* C. I, II, or G. Mr. Howe.

s55. LATIN LITERATURE. *Five hours a week, second term.* C. I, II, or G. Mr. Howe.

s76. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL LATIN. *Five hours a week, second term.* C. I, II. Mr. Gwynn.

s101ab. SEMINAR COURSE. *Five hours a week, both terms.* C. or G. Mr. Howe.

s104. LATIN EPIGRAPHY. *Five hours a week, first term.* C. or G. Mr. Harrer.

s110. THESIS COURSE.

LIBRARY SCIENCE

s1. LIBRARY ORGANIZATION AND METHODS. *Five hours a week, first term.* C. I, II. Mr. Baker.

s2. CLASSIFICATION AND CATALOGING. *Five hours a week, first term.* C. I, II. Miss Thompson.

s3. REFERENCE AND BIBLIOGRAPHY. *Five hours a week, first term.* C. I, II, or G. Mr. Baker.

s4ab. CHILDREN'S LITERATURE. *Five hours a week, through both terms.* C. I, II. Miss Beust.

s5. BOOK SELECTION AND ALLIED SUBJECTS. *Five hours a week, through both terms.* C. I, II. Miss Beust.

MATHEMATICS

s1. COLLEGE ALGEBRA. *Five hours a week, through both terms.* C. I, II, III, IV. First term, Mr. Lasley. Second term, Mr. Hobbs.

s2. PLANE TRIGONOMETRY. *Five hours a week, through both terms.* C. I, II, III, IV. First term, Mr. Winsor. Second term, Mr. Mackie.

s3. ANALYTIC GEOMETRY. *Five hours a week, through both terms.* C. I, II. First term, Mr. Henderson. Second term, Mr. Mackie.

s4. DIFFERENTIAL CALCULUS. *Five hours a week, through both terms.* C. I, II. First term, Mr. Winsor. Second term, Mr. Mackie.

s5. INTEGRAL CALCULUS. *Five hours a week, through both terms.* C. I, II, or G. First term, Mr. Winsor. Second term, Mr. Hobbs.

s51. DIFFERENTIAL EQUATIONS. *Five hours a week, through both terms.* C. I, II, or G. First term, Mr. Lasley. Second term, Mr. Browne.

s52. PROJECTIVE GEOMETRY. *Five hours a week, through both terms.* C. I, II, or G. First term, Mr. Lasley. Second term, Mr. Browne.

s64. INTRODUCTION TO HIGHER ALGEBRA AND GEOMETRY. *Five hours a week, through both terms.* G. First term, Mr. Henderson. Second term, Mr. Hobbs.

s80. HISTORY OF MATHEMATICS. *Five hours a week, second term.* C. I, II, or G. Mr. Browne.

s81. TEACHING OF MATHEMATICS. *Five hours a week, first term.* C. I, II, or G. Mr. Henderson.

MUSIC

s3a. MUSIC APPRECIATION. *Five hours a week, first term.* C. I, II. Miss Barr.

s5. METHODS IN MUSIC APPRECIATION. *Five hours a week, first term.* C. II. Miss Barr.

s7a. SIGHT SINGING AND EAR TRAINING, ELEMENTARY. *Five hours a week, both terms.* C. I, II. First term, Miss Hayes. Second term, Mr. Wilsbach.

s7b. SIGHT SINGING AND EAR TRAINING, INTERMEDIATE. *Five hours a week, first term.* C. I, II. Mr. Vardell.

s10. HISTORY OF MUSIC, ANCIENT. *Five hours a week, first term.* C. I, II. Mr. McCorkle.

s11. MUSIC HISTORY, CLASSIC AND ROMANTIC PERIODS. *Five hours a week, first term.* C. I, II. Mrs. Weaver.

s20. HARMONY, ELEMENTARY. *Five hours a week, first term.* C. I, II. Mr. Vardell.

s23a. INSTRUMENTATION. *Five hours a week, first term.* C. I, II. Mr. McCorkle.

s30. GENERAL PROBLEMS OF MUSIC SUPERVISION. *Five hours a week, first term.* C. II. Miss Damon.

s40. PUBLIC SCHOOL MUSIC METHODS, PRIMARY GRADES. *Five hours a week, both terms.* C. II. First term, section I, Miss Damon; section II, Miss Hayes. Second term, Mr. Wilsbach.

s43. PUBLIC SCHOOL METHODS, GRAMMAR GRADES. *Five hours a week, both terms.* C. II. First term, Miss Hayes. Second term, Mr. Wilsbach.

s46. HIGH SCHOOL MUSIC METHODS. *Five hours a week, first term.* C. II. Miss Damon.

s50. KINSCHELLA CLASS METHOD OF PIANO INSTRUCTION, BEGINNERS. *Two hours daily—June 18-30.* C. II. Miss Kinshella.

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s104a. ADVANCED GENERAL PSYCHOLOGY: FIRST HALF. *Five hours a week, first term.* G. Mr. Crane.

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s2. ELEMENTARY COURSE. *Ten hours a week, second term.* E. Mr. Smith.

s3ab. INTERMEDIATE FRENCH. *Five hours a week, through both terms.* C. I, II, III, IV, V. First term, Mr. Giduz. Second term, Mr. Smith.

s4. INTERMEDIATE FRENCH. *Five hours a week, through both terms.* C. I, II, III, IV, V. First term. Mr. Wiley. Second term, Mr. Holmes.

s5. INTRODUCTION TO THE STUDY OF FRENCH LITERATURE. *Five hours a week, through both terms.* C. I, II, III, IV. Mr. Wilson.

s7. FRENCH CONVERSATION AND COMPOSITION. *Five hours a week, through both terms.* C. I, II, III. Mr. Giduz.

s12. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. *Five hours a week, through both terms.* C. I, II, or G. Mr. Wilson.

s14. FRENCH PHONETICS. *Five hours a week, through both terms.* C. I, II, or G. Mr. Wilson.

s26. HISTORY OF FRENCH LANGUAGE. *Five hours a week, through both terms.* C. I, II, or G. Mr. Holmes.

s121. OLD FRENCH. *Five hours a week, through both terms.* G. Mr. Holmes.

s122. OLD FRENCH. *Five hours a week, first term.* G. Mr. Holmes.

s141ab. RESEARCH. *Both terms.* G. Mr. Holmes.

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s16. RURAL ECONOMICS, LABORATORY. *Ten hours a week, second term.* C. I, II. Mr. Hobbs.

s20. NORTH CAROLINA: ECONOMIC AND SOCIAL. *Five hours a week, each term.* C. I, II, or G. Mr. Hobbs.

s21. BRIEF HISTORY OF AGRICULTURE. *Five hours a week, second term.* C. I, II. Mr. Hobbs.

s108. RURAL SOCIAL ECONOMICS. *Five hours a week, first term.* G. Mr. Branson.

s113. RURAL ECONOMICS SEMINAR. *Second term.* Mr. Hobbs.

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s1b. INTRODUCTION TO SOCIOLOGY. *Five hours a week, second term.* C. I, II. Mr. Sanders.

s4a. EDUCATIONAL SOCIOLOGY. *Five hours a week, first term.* C. I, II, or G. Mr. Groves.

s10a. THE STUDY OF SOCIAL PROBLEMS. *Five hours a week, each term.* C. I, II. First term, Mr. Odum and Mr. Meyer. Second term, Mr. Brooks.

s10b. THE STUDY OF SOCIAL PROBLEMS. *Five hours a week, second term.* C. I, II. Mr. Meyer.

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s11b. THE FAMILY. *Five hours a week, second term.* C. II, or G. Mr. Brooks.

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s107. ADVANCED SOCIAL PROBLEMS. *Five hours a week, through both terms.* G. I, II. First term, Mr. Odum. Second term, Mr. Meyer.

s122a. ADVANCED EDUCATIONAL SOCIOLOGY. *Five hours a week, first term.* G. Mr. Groves.

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(See under Romance Languages.)

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s84Pb. LANGUAGE FOR PRIMARY GRADES. *Five hours a week, each term.* C. II. First term, Miss Bason. Second term, Miss Hufham.

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s3X. THE PRINCIPLES OF GEOGRAPHY. *Ten hours a week, first term.* C. II. Mr. Bynum.

s3Xa. THE PRINCIPLES OF GEOGRAPHY. *Five hours a week, first term.* C. II. Mr. Bynum.

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s2X. NORTH CAROLINA HISTORY. *Five hours a week, first term.* C. II. Mr. King.

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* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

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The University Extension Division offers service to the people of the State through the following bureaus:

BUREAU OF CLASS INSTRUCTION

Extension classes in regular University subjects are held in communities throughout the State. They are taught by members of the University faculty and when all requirements are met give the same credit as residence work. Those not wishing degree credit are also eligible to enroll in extension classes. The classes usually meet one evening a week for sixteen weeks, for which a half course or two semester hours of degree credit may be earned. The fee for each half course is ten dollars. The first semester classes start the last week in September and the second semester classes begin about February first. An individual or group wishing to organize an extension class should make written application to the University Extension Division, giving the following information: Probable number of enrollments, general type of persons who wish to join the class, course desired, when and where the class wishes to meet, and who will have charge of local arrangements.

Courses Offered

It is not practicable to offer in extension some courses which are being given at the University. Certain courses by their very nature cannot be offered as extension classes under present conditions. Courses that require expensive laboratory facilities are an example. In general, however, whenever the nature of a course now being offered in residence is such that it may be offered in extension, and as many as fifteen students in any community in the State register for it, the Extension Division will try to provide an instructor.

In order to conserve space, all other information and regulations concerning extension class work are omitted here but may be secured by sending a written request to the University Extension Division.

BUREAU OF CORRESPONDENCE INSTRUCTION

All information and regulations concerning correspondence courses offered by the University are contained in the Correspondence Instruction Catalogue issued separately.

COURSES OF INSTRUCTION

(Key: [H] Half course two semester hours, fee \$8.00 (for non-residents of North Carolina \$10.00); [W] Whole course, three and one-third semester hours, fee \$13.50 (for non-residents of North Carolina \$17.00). See correspondence instruction catalogue for descriptions of courses, names of instructors, and limitations of credit.)

CHEMISTRY

13. Chemistry of Foods (W).

ECONOMICS

1. General Economics (W). 2. General Economics (W). 5. Economic History (W). 11. Credit and Banking (W).

COMMERCE

20. Salesmanship (W). 27. Retail Salesmanship and Store Management (W). 36. Investments (W). 60. Business Law (W). 61. Business Law (W). 20. Business English (W).

EDUCATION

1a. Introduction to Educational Psychology (H). 1b. Same, continued (H). 4a. Educational Sociology (H). 4b. Same, continued (H). 20a. Educational Psychology (H). 20b. Same, continued (H). 26. Public School Education in the South (W). 31. Rural Education (W). 36a. Historic Foundation of Modern Education (H). 36b. Same, continued (H). 37a. Public Education in the United States (H). 37b. Same, continued (H). 42a. The Public School Principalship (H). 42b. Same, continued (H). 46a. Classroom Management (H). 46b. Same, continued (H). 51a. Principles of Secondary Education (H). 51b. Same, continued (H). 52a. General Methods in Secondary Education (H). 52b. Same, continued (H). 62a. Tests and Measurements in Elementary Education (H). 62b. Same, continued (H). 74a. Materials and Methods of Teaching High School History (H). 74b. Same, continued (H).

Normal School Division

For courses offered and credit given in primary and grammar grade work please write for catalogue, addressing the Bureau of Correspondence Study.

*Division of Elementary School Education

Education

5a. General Introduction to the Study of Education (H). 5b. Same, continued (H). 60X. Curriculum Construction (W). 63a. The Psychology of Elementary Education (H). 63b. Same, continued (H). 82Pa. Reading and Study Habits for the Primary Grades (H). 82Pb. Same, continued (H). 82Ga. Reading and Study Habits for the Grammar Grades (H). 82Gb. Same, continued (H). 83xa. Materials and Methods of Teaching Social Sciences (H). 83xb. Same, continued (H). 84Pa. Arithmetic-Primary Number and Projects (H). 84Pb. Language for Primary Grades (H). 84Ga. Arithmetic for the Grammar Grades (H). 84Gb. Language and Composition for Grammar Grades (H).

English

xa. Children's Literature (H). xb. Same, continued (H).

Natural Science

1xa. Natural Study (H). 1xb. Same, continued (H). 2xa. Nature Study (H). 2xb. Same, continued (H). 3xa. Geography (H). 3xb. Same, continued (H).

* The work listed below under this division carries credit towards the degree of A.B. in Education (Elementary) and towards no other degree.

Hygiene and Health Education

3x. School Hygiene and Health Education (H).

Social Science

1xa. Problems of Citizenship (H). 1xb. North Carolina History (H).

ENGLISH

1. Freshman English (W). 3. Sophomore English (W). 4. Sophomore English (W). 6. Business English (H). 8a. Modern Drama (H). 8b. Same, continued (H). 9. The Contemporary American Short Story (H). 11a. The Teaching of Literature (H). 20. English of Commerce (W). 23. The Short Story (W). 31a. Dramatic Composition (H). 31b. Same, continued (H). 37. Shakespeare: The Comedies (W). 38. Shakespeare: The Tragedies (W). 59. American Literature (W). 66. The Nineteenth Century Novel (W). 75. Restoration and Eighteenth Century Drama (W).

FRENCH

4. French Composition (W). 5. Introduction to French Literature (W). 6. Modern French Literature (W).

GEOLOGY

1. Introduction to Geology (W). 21. Industrial and Commercial Geography (W). 22. Industrial and Commercial Geography (W).

GERMAN

3. Intermediate Course (W). 4. Intermediate Course (W). 21. Advanced German (W).

GOVERNMENT

1. Comparative Government, Part I (W). 2. Comparative Government, Part II (W).

HISTORY

1. Foundations of Modern History, Part I (W). 2. Foundations of Modern History, Part II (W). 3. English History (W). 4. English History (W). 14. Modern European History (W).

LATIN

1x. Readings in Roman Literature (W). 3. Latin Poetry (W). 8. Latin Composition (W).

MATHEMATICS

1. Mathematical Analysis I (W). 2. Mathematical Analysis II (W). 3. College Algebra (W). 4. Trigonometry (W).

MUSIC

1a. Theory of Music (H). 1b. Same, continued (H). 10. History of Music, Part I (H). 11. History of Music, Part II (H). 20. Harmony (H). 21. Harmony (H). 22. Harmony (H).

PSYCHOLOGY

1x. General Psychology (W). 2x. General Psychology (W).

RURAL SOCIOLOGY

1. Rural Economics (W). 3. History of Agriculture (W). 5. Rural Sociology (W). 15. The Rural County and Its Institutions (W). 20. North Carolina: Economic and Social (W).

SOCIOLOGY

1. Introduction to Sociology (W). 4a. Educational Sociology (H). 4b. Same, continued (H). 8 Community Organization (H). 10a. The Study of Social Problems (H). 10b. Same, continued (H). 11a. The Family (H). 11b. The Family (H). 12. Crime and Its Social Treatment (W). 16a. Social Work and Public Welfare (H). 16b. Same, continued (H). 23. The Theory of Play and Recreation (H). 24. The Practice of Play and Recreation (H). 25. Extra-Curriculum Activities in the School Community (H).

SPANISH

3. Spanish Composition (W). 4. Spanish Composition (W). 5. Introduction to Spanish Literature (W). 6. Modern Spanish Literature (W).

BUREAU OF PUBLIC DISCUSSION

The aim of the Bureau of Public Discussion is to encourage discussion of current political, social, and economic problems, as well as to assist in the study of good literature. Reference material is supplied for such study.

The Women's Clubs Section renders assistance with programs and reference material, usually of a literary nature, to women's clubs, for which service a small charge is made. The Library Extension Service Section renders assistance with books and package libraries to schools, both to students and teachers, as well as to other individuals not organized in group study, for which service no charge is made. This material is usually on current problems of a political, social, or economic nature. The Home Reading courses of the U. S. Bureau of Education are distributed in North Carolina by the Bureau.

BUREAU OF LECTURES AND SHORT COURSES

The University conducts a lecture bureau for the purpose of aiding schools, women's clubs, civic clubs, and other organizations in obtaining speakers. Addresses for special occasions, such as school and college commencements, are also arranged upon application.

No fee for lecture service is charged but the traveling and incidental expenses of the lecturer are defrayed by the organization for which the lecture is made.

The Division publishes a bulletin containing full information as to subjects and lectures.

The University has from time to time held at Chapel Hill short courses or institutes for various organizations and groups. A short course or institute is an intensive training program or course rang-

ing in duration from one day to two weeks. The program consists of a specialized series of lectures, discussions, and demonstrations directed by leading speakers and teachers secured from the faculty of the University and from the state and country at large. Short courses have been offered to high school athletic coaches, welfare workers, parents, chamber of commerce secretaries, and members of the state press association.

In addition to those mentioned above, the University Extension Division will be glad to aid other organizations or groups in arranging for a short course, institute, special meeting, or convention.

BUREAU OF COMMUNITY DRAMA

The services of the Bureau of Community Drama are available to all schools, colleges and communities throughout the State of North Carolina. Suggestions and advice on play production, and aid in solving any particular problem of the director may be obtained from this bureau.

The State Representative will be glad to assist any group in organizing, in play selection, in the designing and making of scenery, in costuming, and in make-up and lighting. If desired, she will also assist in the personal direction of a chosen play.

The library of the Bureau of Community Drama has at its disposal more than two thousand volumes of play books, books on acting, play-production, little theatre organization, play writing, stagecraft, lighting, costuming, make-up, etc. These are loaned free of charge upon payment of the postage.

By giving practical assistance to those interested in writing and producing plays, the Bureau of Community Drama is seeking to promote and encourage dramatic art in the schools and communities of North Carolina and to stimulate interest in the writing of native drama.

BUREAU OF COMMERCIAL AND INDUSTRIAL RELATIONS

This bureau is under the supervision of the School of Commerce of the University. The members of the staff are glad to coöperate with the manufacturing, banking, and commercial interests of the state in the solution of any problems which may be brought to their attention. Laboratories, statistical information, research methods, interpretative devices, and expert opinion are available for use by any worthy individual or organization. Problems may be submitted for study and opinion, or arrangements may be made for a member of the staff to visit the establishment or community for first-hand observation and study.

BUREAU OF COMMUNITY MUSIC

The Department of Music offers the following services: (1) Leadership for community sings; (2) formation of community choruses; (3) lectures on public school and community music; (4) piano and organ recitals.

BUREAU OF VISUAL INSTRUCTION

The service of this bureau is gradually being developed to include loan to schools, county groups, and individuals of the following visual aid materials: lantern slides, educational films, charts, and instructional exhibits. Lantern slides which parallel the state course of study are being assembled for classroom use in the public schools.

At present nearly four thousand lantern slides are available. A list of subjects will be sent upon request.

BUREAU OF MUNICIPAL AND COUNTY GOVERNMENT RESEARCH AND INFORMATION

This bureau answers specific inquiries with reference to legislation, charters, and other matters covering city, town, and county government. Through the Library Extension Service bibliographies, reading lists, and books on municipal subjects are loaned. The bureau also undertakes to advise town and city officials concerning specific problems, and to direct them to sources of assistance.

BUREAU OF ECONOMIC AND SOCIAL SURVEYS

Before a definite movement is inaugurated to upbuild a county or community from an economic and social standpoint it is necessary to have at hand an accurate summary of existing facts. What is known as the "social survey" is the best method of securing such facts.

The Department of Rural Social Economics of the University for years has been collecting data on social and economic conditions in North Carolina. This material is available through loans from the library, articles in the *University News Letter*, and bulletins which record the results of a number of county economic and social surveys. The *University News Letter*, which is edited by this department, appears fifty times each year.

BUREAU OF RECREATION

This bureau offers service in recreation and physical education. The School of Public Welfare is in charge of this work. Bibliographies and reading lists on the subjects of sociology, community organization, etc., are provided upon request.

BUREAU OF HIGH SCHOOL DEBATING AND ATHLETICS

The University Extension Division through this bureau offers service to the high schools of the State by means of contests in debating, athletics, and in academic subjects.

The High School Debating Union of North Carolina is the medium through which assistance in debate is offered. This organization was established in 1912-1913. Two hundred and twenty-five high schools, grouped in triangles, discuss some important question each year. The schools winning both debates send their teams to the University to compete during High School Week in the final contest for the Aycock Memorial Cup.

The High School Athletic Association of North Carolina is the agency through which assistance in athletics is offered. This association conducts state high school contests in football, basketball, baseball, track, soccer, and tennis. The high schools compete in groups for the honor of representing the eastern and western sections of the State, and the teams winning the sectional contests meet at Chapel Hill in the finals. There are 312 members of this association.

The high school contests in academic subjects are conducted jointly by this bureau and by the University departments concerned. High school contests are conducted in Latin, Spanish, French, and mathematics. High school newspaper, magazine, and essay contests are conducted also.

BUREAU OF EDUCATIONAL INFORMATION AND ASSISTANCE

The bureau is maintained through the coöperation of the School of Education. The several members of the faculty of the School offer to the State the following lines of service: educational tests and measurements; school surveys; teachers' appointments; advice and counsel with reference to school buildings, equipment, and general administrative problems.

Address all inquiries to:

THE UNIVERSITY EXTENSION DIVISION

Chapel Hill, N. C.

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MILLARD SHERIDAN BRECKENRIDGE, Ph.B., LL.B., *Professor of Law.*

MAURICE TAYLOR VAN HECKE, Ph.B., J.D., *Professor of Law.*

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GENERAL STATEMENT

History.—The law school, which developed into the School of Law of the University, was founded in 1843 at Chapel Hill as a private school by William H. Battle, then a judge of the Superior Court, later a justice of the Supreme Court of the State. In 1845 Judge Battle was made Professor of Law in the University, and it was provided that the degree of Bachelor of Laws should be conferred on those completing the prescribed two-year course. From the records of the University, however, it seems that few degrees

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

** Absent on leave, 1928-1929.

were actually conferred. For a long time the school maintained a certain independence of the University. The Professor of Law received no salary, though he enjoyed the fees from his classes, and the students were not entirely subject to the discipline of the University.

This was the position of the school from its formation until 1899, a period which covered the professorship of Judge Battle who retired in 1879, two years when the law classes were conducted by Hon. Kemp P. Battle, then President of the University, and the professorship of Dr. John Manning, elected 1881, died 1899. In 1899 the school was completely incorporated into the University, with the late Judge James C. MacRae, previously a justice of the Supreme Court of North Carolina, as the first Dean of the Law School.

Approval by the American Bar Association.—The American Bar Association has fixed certain standards which, in its opinion, should be observed by law schools in the preparation of applicants for admission to the practice of law, and the schools, conforming to the standards are classed as "approved law schools." Such schools require at least two years of college study for entrance followed by a three year course for full time, and a longer course for part time students, and must have a sufficient number of teachers devoting their entire time to the school and an adequate library for the use of its students.

The University of North Carolina School of Law has complied with these requirements and is one of sixty-five schools classed as "approved law schools."

Member of the Association of American Law Schools.—The School of Law is a member of the Association of American Law Schools, an association composed of sixty-two of the leading law schools in the United States, and including the law schools of such Universities as Harvard, Yale, Cornell, and Chicago. The object of this association is to improve legal education in America, and member schools are required to maintain certain high standards relating to entrance requirements, faculty, library, and curriculum.

REQUIREMENTS FOR ADMISSION

In order to enter the School of Law as a regular student, the student must (a) present evidence of vaccination and certificates as to college entrance requirements, as prescribed herein (see pp. 52 ff.), and (b) must have completed at least two years of college work, approved by the Registrar of the University. See special requirements below.

Students preparing to enter the School of Law after only two years work must either (1) take the courses prescribed in the regular Two-Year Pre-Law Course, *which is strongly recommended by*

the law faculty as the course best adapted for those devoting only two years to college work, or (2) take the regular work for the first two years in the College of Liberal Arts, the School of Commerce, or the School of Education in this University or in some other standard college or university.

The Two-Year Pre-Law Course is as follows:

FIRST YEAR

English 1, or 1a and 1
Mathematics 1-2
History 1-2
Two courses in a natural science
*Two courses in a foreign language
(French, Latin, German or Spanish)

SECOND YEAR

Two courses of English 3, 4, 5, or 21
in the discretion of the Dean of the
College
Government 1, and one from 2, 35, or
47.
Economics 1-2
History 3-4 (English) or 7-8 (Amer-
ican) or Psychology 1-2
Another course in the same foreign
language

Special Students

A limited number of special students, not candidates for a degree, with less than the required two years of academic training may be admitted. They must be at least twenty-three years of age and must furnish evidence to satisfy the law faculty that their experience and training have specially equipped them to engage successfully in the study of law despite the lack of the required college credits. The number of such special students admitted each year may not exceed ten per cent of the average number of students admitted by the school as beginning regular law students during the two preceding years.

Admission to Advanced Standing

A student from another school of law, in which the requirements for admission are at least as high as in this school, may be admitted to advanced standing for the degree of LL.B. As a rule no more than one year's work will be so credited without residence, but with the consent of the law faculty two years' work may be credited in exceptional cases, provided the last year of work for the law degree is done in residence. A student seeking admission to advanced standing must present satisfactory evidence that the work taken in another school is substantially equivalent to that given in the corresponding year here, both in the character of the work covered and in the amount of time devoted to each subject.

EXPENSES

See page 60.

* The total requirement in foreign language is three courses of collegiate grade based upon at least two units completed in high school or the equivalent in the elementary courses taken here.

DEGREES

The Degree of LL.B.

The degree of Bachelor of Laws (LL.B.) is conferred upon a regular student who has studied law for a period of at least three academic years and passed satisfactory examinations on all required subjects and enough elective subjects to make up an aggregate of eighty-four semester hours. Two long sessions and three summer sessions of at least ten weeks each are regarded as a compliance with the residence requirement.

The Degrees of A.B. and LL.B.

The University offers a combined course in the College of Liberal Arts and in the School of Law by completing which students may receive the two degrees of A.B. and LL.B. in six years instead of the seven years required for the two degrees in the regular course.

Upon the completion of the courses in the College of Liberal Arts outlined below, before matriculation in the School of Law, and the completion of the first year of Law, students may receive the degree of A.B., and upon the completion of the third year of Law, the degree of LL.B.

Prescribed courses in the College of Liberal Arts for the two degrees of A.B. and LL.B.:

FIRST YEAR		SECOND YEAR		THIRD YEAR
Eng. 1		Eng. 3, 4, 5—		Econ. 1-2
Math 1-2		select two		Psychology 1-2
Hist. 1-2		Hist. 3-4 or 7-8		**English—2 courses
Select two	Greek 3-4	Select two	*Latin 3, 5	***Hist. and Gov't.—2 courses
	French 3-4		Greek 5	*One Elective
	German 3-4		French 5	
	*Latin 1-2		German 21	
	Spanish 3-4		Spanish 5	
		Select one	Botany 1-2	
			Chem. 1-2	
			Physics 1-2	
			Zoölogy 1-2	
			Botany 1 and Zoöl. 1	
		Geology 1-2		

* Latin 1, 2, 3, 5 are to be taken by students who have presented only two units for entrance. In case the student is required to pursue only Latin 3, 5 or 2, 3, 5, the number of electives is increased to make up the difference. In every case 27 courses of college grade must be completed.

** The School of Law recommends that at least one of these courses be advanced composition, Eng. 21.

*** The School of Law recommends that the courses in History and Government be courses in English and American History or Government.

The foregoing academic curriculum requires at least *three* courses in each of *two* foreign languages. Instead of this requirement the student is allowed the option of completing *five* courses in one such foreign language. In case this option is taken, it is advisable that the courses in science shown in the second year be taken in the first year, and that Economics 1-2 be shifted similarly from the third year to the second year. This arrangement necessitates also some obvious changes in the electives.

The School of Law suggests the courses named below as suitable electives in this course, but choice is not restricted to these. English 6, 17, 21, 22, 23; Psychology 38 (Legal Psychology), 40; History 59, 60; Economics 10, 11, 40; Sociology 10, 12.

The A.B. degree, on this basis, is conferred at the end of the fourth year (first year in Law) provided the student has satisfactorily passed 30 semester hours in the School of Law.

The Degree of S.B. in Commerce and LL.B.

The University offers a combined course which leads to the degree of S.B. in Commerce at the end of four years and LL.B. at the end of six years.

The first three years of this combined course are in the School of Commerce and are devoted to the subjects outlined below. The last three years are in the School of Law and are devoted to the courses prescribed for the LL.B. degree.

Prescribed courses in the School of Commerce are as follows:

FIRST YEAR	THIRD YEAR
English 1	Psychology 1-2 or Education 1 and 20
Mathematics 1-2	Economics 10-11
History 1-2	Commerce 1-2
†Modern Language: two courses	Commerce 10
Geology 5	Economics 30, or
Commerce A	Economics 40
SECOND YEAR	Two courses chosen from the courses offered by the Department of Economics and Commerce
Economics 1-2	
English 3, 4, 5—select two	
†Modern Language: one course	
Government 1	
Natural Science: two courses	
Economics 5 or History 65	
English 21 or English 16-17-18	

The Degree of J.D.

The degree of Doctor of Law (J.D.) will be conferred upon students who comply with all the following conditions:

1. Complete the work requisite for the A.B. degree or its equivalent before entrance upon the work of the School of Law.

† The total requirement in modern language is three courses of collegiate grade based upon 2 units completed in high school or the equivalent in the elementary courses taken here.

2. Study law for a period of at least three academic years.
3. Obtain an average grade of B on all required subjects and enough elective subjects to make up an aggregate of 84 semester hours.
4. Prepare and have accepted for publication in *The Law Review* an article of at least ten pages, or case notes which in the aggregate shall be at least eight pages in length.

The Degree With Honors

The degree of LL.B. with Honors will be conferred, upon recommendation of the faculty, upon students selected from the highest one-tenth of the graduating class.

EXAMINATIONS, GRADES, ELIMINATION

EXAMINATIONS. Preliminary hour examinations are held in each course in November, and also at the end of the first semester hour examinations are given in all courses running through the year. Individual research assignments may be substituted for preliminary examinations. Final examinations are held at the end of the first semester in the subjects which are then completed, and at the close of the year in all other subjects.

GRADES. The grading of students will be indicated by the letters A, B, C, D, and F, representing respectively excellent, good, satisfactory, fair, and failed. A student receiving the grade of F (failed) in any subject will be required to repeat the course. Full credit may not be secured for more than ten semester hours of D grade work in one long session nor for D grade work in more than one-half the hours taken in a summer session. D grade work in excess of these amounts will carry only one-half the usual credit towards a degree.

ELIMINATION OF STUDENTS. A student must obtain a grade of D or better in at least two-thirds of the total number of semester hours for which he registers, and any student who fails to do so shall thereby automatically be excluded from further work in the school. He may be reinstated upon such showing and upon such conditions as may be required by the Law Faculty. Likewise the faculty may drop from the school at any time a student who, in their judgment, is not making sufficient progress to warrant his continuing in the school.

Any instructor, with the concurrence of the Dean, may drop a student from a course at any time, for unsatisfactory work, poor attendance, or other good cause.

NUMBER OF HOURS OF WORK REQUIRED AND PERMITTED

The normal amount of work is fourteen or fifteen class hours a week. Not more than sixteen hours of law work may be taken, nor if academic work is being taken at the same time, may more than twelve hours of law be taken with one academic course.

No student taking fewer than ten hours weekly will be considered as studying law within the rules of the Supreme Court which requires of applicants for license to practice in North Carolina two years of study of law as a necessary preliminary.

DIVISION OF ACADEMIC YEAR: DATES

Work in the School is divided into two semesters instead of into three quarters. The first semester begins at the same time as the fall quarter of the College of Liberal Arts, and ends on the last Saturday in January. The second semester begins on Monday after the last Saturday in January and ends at the same time as the third quarter of the College of Liberal Arts.

METHOD OF INSTRUCTION

In its teaching the School of Law has adopted the method used in the leading schools in this country. This is called the "case-method" because the starting-point is the statement in class by the students of the results of their independent analysis of actual decisions. These are selected so as to reveal the fundamental principles of a given subject, as they have been developed in the settlement of actual human controversies. The cases thus stated are the basis for an active discussion by the class, under the guidance of the instructor, of the practical applications of the doctrines so revealed. This is supplemented by assigned readings in the state and federal statutes, and in standard textbooks and periodicals. During the fifty years during which this method has gradually won acceptance in practically all the standard schools, experience has shown that it gives training in the analysis of the actual problems that are presented to a lawyer and promotes accuracy of thought, readiness of statement, and a vivid and retentive perception of legal principles more completely than the methods previously in vogue in which the student played the passive part of accepting the law as handed down in lectures.

STUDENTS FROM OTHER STATES

While greater emphasis is placed upon North Carolina decisions and statutes than upon those of any other states, the legal doctrines are studied as part of the Anglo-American common law system and the case-books used are selections of cases taken from all the common law jurisdictions. Students from other states are encouraged

to investigate the decisions and statutes of their own states in regard to the questions discussed, and the law library provides the materials necessary for such investigation. The law course as a whole is designed to prepare the student in the fundamentals of the common law in such a manner as to fit him for practice in any state.

AIM OF THE SCHOOL

The aim of the school is to develop competent lawyers and not merely to prepare students for the bar examination. The course extends over three years, and subjects are offered in what seems the most advantageous sequence. Students are required to follow the order of the curriculum and one who stops before completing it will not have a comprehensive or adequate legal education. While no particular attention is paid to preparing men for the bar examination our students have been successful in passing it. Indeed, no one, after graduating from this school, has failed, so far as those now administering the school are aware, to pass the bar examination of this state on his first attempt.

SUBJECTS OF INSTRUCTION

All subjects in the first year are prescribed. Those in the second and third year are elective, but second-year students may not elect third-year subjects except by permission of the Dean.

First Year

CONTRACTS

The formation, construction, operation, and performance of contractual obligations, including offer and acceptance, consideration, seals, the Statute of Frauds, conditions, discharge, third party beneficiaries, assignments, joint contracts, and effect of illegality. *Corbin's Cases on Contracts*. Four hours a week, first semester; two hours a week, second semester. Professor Van Hecke.

TORTS

Principles of tort liability as developed in the action of trespass; justification and excuse; negligence as a basis of liability; common law and statutory duties of care; legal cause; contributory negligence; absolute liability; deceit; defamation; malicious prosecution and abuse of process; interference with social and business relations. *Bohlen's Cases on Torts* (2d ed.). Three hours a week, first semester; two hours a week, second semester. Professor Wettach.

PROCEDURE I

This is an introductory course on procedure at common law. Its purpose is to acquaint the student with the court system and to give him an elementary view of methods of trial and appeal, with a fairly detailed study of the forms of action and fundamental principles of pleading. *Magill, Cases on Civil Procedure*. Three hours a week, first semester. Professor McCall.

PERSONAL PROPERTY

The nature of possession; rights based upon possession, tenants, bailees, finders. Acquisition of title to chattels without the consent of the owner, bona fide purchase, limitations, accession, tortious confusion. Gifts *inter vivos*. Distinction between sale and bailment. Liens and pledges. Conversion. Edward Warren's *Cases on Property*. *Three hours a week, first semester*. Professor McCormick.

LEGAL BIBLIOGRAPHY

A practical course in the use of law books. The briefing of cases in preparation for arguments in the law clubs constitutes part of the work of the course. The problems assigned require the student to familiarize himself with the method of finding authorities upon concrete fact situations, through the use of digests, encyclopedias, textbooks, annotated cases, and constitutional and statutory sources. *One hour a week, first semester*. Professor Coates.

READING COURSE

Described on page 274. *One hour a week, both semesters*. Faculty of the School.

AGENCY

Distinction between agency and other legal relationships. Express, implied, and apparent authority of agent; liability of disclosed and undisclosed principal to third party in contract and in tort; liability of agent to third party and of third party to principal and agent; ratification of unauthorized acts; termination of agency. Mechem's *Cases on Agency* (2d ed.). *Three hours a week, second semester*. Professor Breckenridge.

CRIMINAL LAW

Introduction: the problem of criminal justice. The history of criminal procedure, nature and elements of a crime, act and intention. Attempts, jurisdiction, consent, recrimination and condonation, culpability as affected by necessity, duress, coverture, infancy, insanity, etc. Justification and excuse: self-defense. Parties. Criminal conspiracy. Former jeopardy. Specific crimes: homicide, rape, assault, larceny, embezzlement, false pretenses, receiving stolen property, robbery, burglary, arson, forgery, perjury. Sayre's *Cases on Criminal Law*. *Four hours a week, second semester*. Professor Coates.

REAL PROPERTY

Tenure, estates, joint and common ownership, reversions and remainders. Seisin and disseisin. Common law methods of creating and transferring estates. Rents. The statute of uses. Rights in the land itself and in air and water, incident to ownership. Fixtures. Emblements. Waste. Profits, easements, and covenants. Edward Warren's *Cases on Property*. *Three hours a week, second semester*. Professor McCall.

Second Year

Second year courses may be taken in the third year.

PROCEDURE II

The course is designed to cover the proceedings in an action under the code system, with the exception of the actual trial. It covers the commencement of actions, special proceedings and provisional remedies, pleading, judgments and their enforcement, appeal and error. Hinton's *Cases on Code Pleading* (2nd. ed.), and assigned readings. *Three hours a week, both semesters*. Professor McIntosh.

DOMESTIC RELATIONS AND LAW OF PERSONS

Marriage. Divorce and separation. Parent and child. Infancy. Insanity. Woodruff's *Cases on the Law of Domestic Relations and Persons* (3rd ed.). *Three hours a week, first semester.* Professor McIntosh.

NEGOTIABLE INSTRUMENTS

Form and content of checks, drafts, notes, and trade acceptances; their rise in the business and banking fields, negotiability, acceptance and certification; rights of holders in due course and liability of parties; clearance and collection of checks, presentment, notice of dishonor; the provisions of the Negotiable Instruments Law. Britton's *Cases on Bills and Notes*. *Four hours a week, first semester.* Professor Breckenridge.

SURETYSHIP

The law of suretyship and guaranty, especially with reference to modern developments in connection with corporations acting as surety. Arant's *Cases on Suretyship*. *Two hours a week, first semester.* Professor Winston.

PARTNERSHIP

A complete study of the law of partnership in all its branches, including the limited partnership. Gilmore's *Cases on Partnership*. *Three hours a week, first semester.* Professor Winston.

REAL PROPERTY II

Title by limitation. The form of conveyances, descriptions, estates, landlord and tenant, creation of easements and profits, covenants for title. Execution of deeds. Registration. Estoppel by deed. Dedication. Joseph Warren's *Cases on Conveyances*. *Four hours a week, first semester.* Professor Coates.

CRIMINAL PROCEDURE

Criminal Jurisdiction, Venue, Arrest, Preliminary Examination, Bail, Methods of Prosecution, Grand Jury, Indictment and Information, Trial, Appeal. Keedy, *Cases on the Administration of Criminal Law*; and The American Law Institute's *Code of Criminal Procedure*. *Two hours a week, first semester.* Professor Coates.

FEDERAL PROCEDURE

Nature, sources and extent of the Federal Judicial power; State laws as rules of decisions; the Conformity Act; distinctions between law and equity; District Courts; Removal of Causes; Jurisdiction of Circuit Courts of Appeals and Supreme Court. Medina's *Cases on Federal Jurisdiction and Procedure*. *Three hours a week, second semester.* Professor McIntosh.

SALES

Subject-matter of sale; executory and executed sales; bills of lading; stoppage *in transitu*; overdue paper; fraud; factors' acts; warranty and remedies for breach of warranty. Woodward, *Cases on Sales* (2nd ed.). *Four hours a week, second semester.* Professor Breckenridge.

EQUITY

The relations between legal and equitable remedies, historically and under modern codes; the subject-matter of equitable relief, and the enforcement of equitable decrees, with particular reference to injunctions against torts and crimes and the specific performance of contracts. Cook's *Cases on Equity* (1-vol. ed.). *Four hours a week, second semester.* Professor Van Hecke.

WILLS

The substantive and adjective law of wills, including descent and the administration of estates. Costigan's *Cases on Wills*. *Three hours a week, second semester*. Professor Winston.

DAMAGES

Nominal and exemplary damages. Compensatory damages: direct and consequential damages, avoidable consequences and mitigation. Certainty. Liquidated damages. Value. Interest, expenses, and counsel fees. Damages in particular types of actions. Crane's *Cases on Damages*. *Two hours a week, second semester*. Professor McCormick.

Third Year**TRADE REGULATION**

Contracts in restraint of trade and competition; monopolies, the federal and state anti-trust acts; unfair business practices at common law, in equity, and under the Trade Commission Act of 1914. Independent research by the students will be required. Admission to the course only by permission of the instructor. Oliphant's *Cases on Trade Regulation*. *Three hours a week, first semester*. Professor Breckenridge.

CONSTITUTIONAL LAW

A brief course in the elements of Federal Constitutional Law, including the constitutional limitations and guarantees with regard to the impairment of contracts, due process, and the equal protection of the laws. Interstate commerce clause. The police power. The power of taxation and eminent domain. Long's *Cases on Constitutional Law*. *Three hours a week, first semester*. Professor Wettach.

TRIAL AND OFFICE PRACTICE

Described on page 276. Assigned readings, records, and other material. *Four hours a week, first semester*. Professor Coates.

INSURANCE

A study of the history and fundamental principles of marine, fire, and life insurance. Special attention is given to the standard fire insurance policy and to preparation for insurance business and practice. Woodruff's *Cases on Insurance* (2nd ed.). *Three hours a week, first semester*. Professor Winston.

EVIDENCE

Judicial notice. Presumptions and burden of proof. Functions of court and jury. Witnesses: examination, competency, and privilege. Rules of exclusion: evidence illegally obtained; the Hearsay Rule and its exceptions. Rules as to writings: evidence of authenticity; Best Evidence rule; Parole Evidence rule. Opinion evidence. Remote and prejudicial evidence. Character and reputation. Separate credit may be secured for first semester. Thayer's *Cases in Evidence* (edited by Maguire). *Three hours a week, first semester; two hours a week, second semester*. Professor McCormick.

CONFLICT OF LAWS

This course treats of the principles of international private law; jurisdiction, particularly in connection with the effect of foreign judgments; the applicability of rules derived from foreign or extra-state law in respect to procedure, torts, contracts, quasi-contracts, and domestic relations; and the creation, transfer, etc., of all forms of property. Lorenzen, *Cases on Conflict of Laws* (2nd ed.). *Four hours a week, second semester*. Professor Wettach.

ADMINISTRATIVE LAW

The law of administrative agencies, both state and federal, such as the county commissioners, corporation commission, interstate commerce commission, etc. Freund's *Cases on Administrative Law* (2nd ed.). *Three hours every week, second semester.* Professor Winston.

CORPORATIONS

The nature of a corporation; promotion of corporations; corporate powers; corporate liability for torts and crimes; unauthorized corporate action, including doctrines of *de facto* corporations, and *ultra vires* acts; officers, stockholders, and creditors of corporations; reorganization of corporations. Warren, *Cases on Corporations* (2nd ed.). *Four hours a week, second semester.* Professor McCall.

LEGAL ETHICS

Required for the degree for those completing work after February, 1929.

The history and organization of the legal profession in England and the United States. The lawyer's qualifications. The admission and discipline of lawyers. The ethical duties of lawyers to courts. Ethics of legal employment in general. Solicitation of legal business. The ethical duties of lawyers in criminal and civil cases. Pecuniary relations of lawyers and clients. Costigan's *Cases on Legal Ethics*. *One hour a week, second semester.* Professor McCormick.

READING COURSE

In addition to the regular classwork and collateral reading, it is the aim of the School to develop the habit among the students of frequent informal conferences with faculty members over the difficulties and problems which are encountered in their studies. It is believed that this personal contact between student and teacher, which is no longer possible in the larger schools, is of inestimable value and will foster some of the professional spirit that was engendered by the former association between lawyer and student in the days when legal instruction was secured in law offices. To this end a reading course has been introduced for first-year students. This course will consist solely of the reading of books designed to acquaint the student at the outset with some of the history, general ideas, outstanding personalities and rich literature of the law. The students will be divided into small groups, each of which will be assigned to a different professor as adviser, with whom individual conferences on the readings will be held. The books selected for 1928-1929 were as follows:

- (1) Morgan: *Introduction to the Study of Law*.
- (2) Potter: *Introduction to English Legal History*.
- (3) Legal Biography: Volume I, *Select Essays in Anglo-American Legal History*, "The Five Ages," p. 625, and "An American Law Student," p. 837; *Great American Lawyers*, any three of the following biographies, Wirt, Ellsworth, Choate, Story, Mason, Prentiss, Jeremiah Black, and Luther Martin; *History of North Carolina Supreme Court*, 177 N. C. 617.
- (4) Pound: *The Spirit of the Common Law*.
- (5) Pollock: *A First Book of Jurisprudence*.

- (6) Hohfeld: *Fundamental Legal Conceptions* (introduction and first two essays).
- (7) Cardozo: *The Nature of the Judicial Process*.
- (8) Holmes: *Collected Legal Papers*.

THE SUMMER SCHOOL

The summer school in law offers opportunity for the students to supplement the work of the long session by taking additional courses, some of which are not given in the long session, or to shorten the period of study by completing the work for the law degree in two long sessions and three summer sessions. It has been the practice to secure distinguished judges and law teachers from other institutions as visiting professors in the summer school. Among these have been Chief Justice Walter P. Stacy and Associate Justices George W. Connor and W. J. Brogden of the Supreme Court of North Carolina; Professor A. L. Green, Yale University; Dean Young B. Smith, Columbia University; Dean J. L. Parks, University of Missouri; Professor Edmund M. Morgan, Harvard University; Professor Wesley A. Sturges, Yale University; and Professor J. W. Madden, University of Pittsburgh. A bulletin announcing the courses to be given in the summer of 1929 will be issued early in that year.

THE LAW BUILDING

The School of Law occupies Manning Hall, named for the late Dr. John Manning, formerly a distinguished professor in the school. The building was erected in 1923, and besides being modern and commodious, is particularly notable for beauty of design.

THE LAW LIBRARY

The library is an extensive one of about 18,000 volumes. It includes the reports of the courts of last resort of all the states, either in official volumes or the National Reporter System, The United States Supreme Court Reports, The Federal Reporter, The New York Supplement, Illinois Appellate Reports, The English Reports Reprint, The Law Reports (English), the local Federal and English Statutes, the codified laws of each state in the union, and a comprehensive selection of digests, encyclopedias, text-books, and law periodicals. The law library was substantially augmented during the past year by a gift from a former student of the School of \$10,000 called the Lucius Polk McGehee Memorial Fund and used for the purchase of books for the library.

THE NORTH CAROLINA LAW REVIEW

The North Carolina Law Review, issued quarterly, is published by the School of Law. It is devoted to the discussion of general and

local legal problems and new cases, especially those of interest to North Carolina lawyers. The notes on recent cases are prepared by the student editors, in consultation with faculty advisers. Selection of the student editors is made by the faculty on the basis of scholarship, and membership on the editorial board is the highest scholastic honor attainable by a law student before graduation.

THE LAW CLUBS AND LAW ASSOCIATION

The Law School Association is a voluntary association of students which, under the guidance of a faculty member—Professor Coates—promotes the activities of the law clubs, and endeavors to bring the students and the faculty of the Law School into a coöperating relationship with the members of the bench and bar. Law clubs are organized in each class and their members argue law questions upon agreed statements of fact before members of the faculty. From the winners in these arguments are selected those who will participate in the Final Argument. This is held before a court consisting of distinguished lawyers and judges. In 1928 the court consisted of Associate Justice W. J. Adams and W. J. Brogden of the Supreme Court of North Carolina, and Messrs. A. L. Brooks, of Greensboro, J. S. Manning, of Raleigh, and John A. MacRae, of Charlotte.

TRIAL AND OFFICE PRACTICE

The course in trial and office practice is believed to be organized on lines which will make for the highest practical value to the student. During the past year, Mr. C. L. Shuping of Greensboro generously gave the sum necessary to install in Manning Hall a complete trial court room, and similar assistance by Mr. W. M. Hendren of Winston-Salem and others made possible the installation of a large practice office, with necessary desks and files for the use of a class. In these quarters the practice class will carry on trial and office work. The office work consists chiefly in the drafting of contracts, deeds, leases, mortgages, wills, and corporation and partnership documents, the preparation and examination of abstracts of title, and the preparation of the forms used in judicial proceedings. This will be done under the guidance of the various members of the faculty teaching the respective substantive law subjects involved, with the active coöperation of leading members of the bar, who will furnish problems arising in their practice and will explain the exact ways in which they were met. The trial work will be introduced by lectures by Judge John J. Parker of the United States Circuit Court of Appeals upon judicial organization and procedure, with emphasis upon the differences between state and federal practice, and by lectures by Mr. L. P. McLendon of Durham on the preparation of a case for trial. This will be

followed by the trial of cases. Stenographic reports of actual trials in state and federal courts will be used as laboratory material. Plaintiff's testimony will be given to a plaintiff's counsel and defendant's testimony to a defendant's counsel, who will prepare their respective pleadings. Witnesses taken from the class will read the record and prepare to give evidence based upon the actual testimony. Counsel will prepare pleadings without having seen the actual pleadings and will try the case before a student jury, and a lawyer who participated in the court trial will preside and will thereafter criticize the pleadings, trial tactics, and arguments of the counsel on the law and facts. It is believed this will impart in a vivid way some knowledge of the *art*, as well as the law, of trials.

THE ORDER OF THE COIF

In twenty-eight of the leading law schools of this country, selected as conforming to very high standards, chapters have been established of the Order of the Coif. Membership is purely honorary and is awarded each year to those students of the senior class who throughout their law school career have attained the highest standing in their courses. Thus far it has been awarded to the following:

Class of 1927: Samuel Eldon Vest, Joseph Lapsley Cantwell, Jr., and William Harrison Abernathy.

Class of 1928: Charles Raper Jonas, Clarence Windley Hall, and Frank Bird Gummey II.

PRIZES

THE HILL LAW REVIEW PRIZE, established by George Watts Hill, Esq., of the Durham Bar, is an award of fifty dollars to the student editor who makes the best total contribution to the *Law Review* during the school year.

THE CALLAGHAN PRIZE IN LAW. A copy of the Cyclopedic Law Dictionary is offered by Callaghan & Co., Law Publishers, to that member of the senior class each year who obtains the highest general average in his work for the year.

LEGAL RESEARCH PRIZE. Offered by the American Law Book Company, is given to the student who makes the highest average in the Legal Research Course.

ADDITIONAL OPPORTUNITIES OF UNIVERSITY LIFE

Students in the Law School may be admitted without additional expense to the courses given in the departments of Economics, English, Philosophy, and History in the College of Liberal Arts, subject to the rules stated as to the number of hours which a student may take, and subject to the approval of the Dean of the

School of Law. A student taking such a course must satisfy the entrance requirements for the course selected.

Students of the School may become members of the Dialectic and Philanthropic Literary Societies, where they may take part in or witness debates and train themselves in parliamentary law.

As students of the University, they enjoy all the privileges of the University library, the University gymnasium, and the organizations of the University generally, literary, social, and athletic.

For further information as to requirements for admission, or as to living conditions, address The Registrar, The University of North Carolina, Chapel Hill, N. C.

For information as to courses or other matters pertaining particularly to the Law School, address the Dean of the School of Law. The University of North Carolina, Chapel Hill, N. C.

THE SCHOOL OF MEDICINE

HARRY WOODBURN CHASE, Ph.D., LL.L., *President.*

ISAAC HALL MANNING, M.D., *Dean.*

*THE ADMINISTRATIVE BOARD

CHARLES STAPLES MANGUM, A.B., M.D., *Professor of Anatomy.*

WILLIAM DEBERNIERE MACNIDER, M.D., *Kenan Research Professor of Pharmacology.*

**JAMES BELL BULLITT, A.M., M.D., *Professor of Pathology.*

***WESLEY CRITZ GEORGE, Ph.D., *Professor of Histology and Embryology.*

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DANIEL ALLAN MACPHERSON, Sc.M., *Associate Professor of Bacteriology.*

SPECIAL STAFF

CHARLES STAPLES MANGUM, A.B., M.D., *Professor of Anatomy.*

ISAAC HALL MANNING, M.D., *Professor of Physiology.*

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JOHN GROVER BEARD, Ph.G., *Professor of Pharmacy.*

HENRY FRANKLIN HUNT, M.D., *Acting-Professor of Pathology.*

ROBERT BAKER LAWSON, M.D., *Associate Professor of Applied Anatomy.*

DANIEL ALLAN MACPHERSON, Sc.M., *Associate Professor of Bacteriology.*

FREDERICK PHILLIPS BROOKS, Ph.D., *Assistant Professor of Physiological Chemistry.*

AUGUSTUS STEELE ROSE, *Assistant in Anatomy.*

GRANT LESTER DONNELLY, *Research Assistant in Pharmacology.*

* The President, the Registrar, and the Dean of Students are *ex officio* members of each Administrative Board.

** Absent on leave on the Kenan Foundation, 1928-1929.

*** Absent on leave, 1928-1929.

HISTORICAL SKETCH

The School of Medicine was established in 1879 under the direction of Dr. Thomas W. Harris. A course in theoretical and practical medicine, as was the custom of the time, was offered, but this plan was found impracticable and was abandoned in 1886. In 1890, however, a more orderly and logical arrangement of the subjects of the medical course had begun, and it became possible for a university without clinical facilities, to offer instruction in the elementary subjects. Dr. Richard H. Whitehead was then elected Professor of Anatomy, and under his guidance the School was reopened and has continued without interruption. In 1900 the medical course having been extended in the better class of schools to four years, the subjects of the first two years were offered at the University. In 1902 a Clinical Department was established at Raleigh, but after several years of unsuccessful effort to provide for its proper support it was abandoned. In 1908 the School was admitted to membership in the Association of American Medical Colleges, and is ranked in the class "A" group by the American Medical Association.

REQUIREMENTS FOR ADMISSION

Admission to this School of Medicine requires preparation similar to that specified for admission to all grade A schools of medicine. The minimum requirements are shown on pages 57-58. The University recommends to each applicant that he prepare himself as fully as his age and resources permit. If possible he should first secure a bachelor's degree, either A.B. or S.B., before beginning his professional study. If this is impracticable, he may secure excellent preparation by completing the academic curriculum outlined on pages 197-198, or may secure the minimum requirements by completing the two year premedical course suggested on page 200.

It is to be noted that this school does not contract to admit all students who have completed the three years of academic work prescribed as part of the requirement for the degree of Bachelor of Science in Medicine and outlined on pages 197-198, nor will the University confer such degree upon a student who completes at another institution the prescribed two years of medical work. To those who complete here both the academic and the first two years of medical work there is given the opportunity to obtain a bachelor's degree and the degree of M.D. in seven years.

EXPENSES

See page 60.

THE MEDICAL COURSE

The course leading to the degree of Doctor of Medicine consists regularly of four years in strictly medical subjects. The subjects are arranged naturally into two main groups, the so-called laboratory and clinical groups, and two years are given to each group. The course offered in this school includes the subjects of the first group and occupies a period of two years. Upon completing this course, the student is prepared to begin the study of the clinical subjects, and may enter the third year in other medical schools. Full credit is allowed in practically all medical schools.

SPECIAL NOTICE

An applicant notified of his acceptance must deposit with the Cashier of the University not later than June 15, a deposit of \$50.00; otherwise the acceptance will be withdrawn. If the applicant presents himself for registration and remains in the school during the first quarter, the deposit will be accredited to his account; otherwise the deposit will be forfeited.

THE MEDICAL COURSE

First Year

BIOLOGICAL CHEMISTRY: Nine hours a week, winter quarter.

HISTOLOGY: Six hours a week, fall quarter; nine hours a week, winter quarter.

GROSS ANATOMY: Twenty-one hours a week, fall quarter; eighteen hours a week, winter quarter.

NEURO-ANATOMY: Twelve hours a week, spring quarter.

EMBRYOLOGY: Three hours a week, fall quarter; six hours a week, spring quarter.

BACTERIOLOGY: Fifteen hours a week, spring quarter.

MATERIA MEDICA: Five hours a week, fall quarter.

Second Year

BIOLOGICAL CHEMISTRY: Six hours a week, fall quarter.

PHYSIOLOGY: Twelve hours a week, fall quarter; six hours a week, winter quarter.

IMMUNOLOGY: Nine hours a week, fall quarter.

PATHOLOGY: Six hours a week, fall quarter; eight hours a week, winter quarter; twelve hours a week, spring quarter.

PHARMACOLOGY: Three hours a week, fall quarter; ten hours a week, winter and spring quarters.

SURGICAL ANATOMY: Six hours a week, spring quarter.

HYGIENE: Three hours a week, winter quarter.

Summary of First and Second Year

<i>Subjects</i>	<i>Hours</i>
Biological Chemistry	160
Anatomy	750
Physiology	198
Bacteriology and Immunology	250
Pathology	275
Pharmacy	60
Surgical Anatomy	60
Hygiene	33

EXAMINATIONS

Regular examinations on the first year subjects will be held during the examination periods of the College of Liberal Arts at the close of each quarter. In the second year the examinations will be held at the close of each course. Special examinations for the removal of conditions will be allowed during the week preceding the close of the third quarter and during registration week in September.

An examination will not be allowed a student who is charged with ten per cent of unexcused absences, or with absences amounting to twenty per cent of the total number of hours assigned the subject.

PROMOTIONS

If a first year student makes a grade of E on any subject, and fails on reëxamination, he will not be re-admitted to the school. If a first year student makes a grade of E on two major subjects the privilege of reëxamination will be denied him.

If a second year student makes a grade of E on any subject he will be allowed a second examination during the month of July. If he makes a grade of F on one of the major subjects, or a grade of E on two of the major subjects he will not be recommended for admission to the third year of any medical school.

SCHOLARSHIP

THE WOOD SCHOLARSHIP. (Established in 1895.) Mrs. Mary Sprunt Wood, of Wilmington, has founded a scholarship in memory of her husband, the late Dr. Thomas Fanning Wood.

COURSES OF INSTRUCTION

Anatomy

The courses include gross and microscopic anatomy, embryology, the topography of the body, the application and relation of anatomy to medicine and surgery, and the anatomy of the central nervous system and the organs of special sense.

Ample facilities are offered to any who may desire to pursue advanced work in the field of anatomy.

1. GROSS ANATOMY.

Laboratory talks, demonstrations, and conferences take the place of lectures. The student makes a complete dissection of the human body under the constant supervision and direction of an instructor, who insists upon the use of texts, guides, and atlases, and holds practical examinations upon the cadaver. Each student is provided with a complete set of disarticulated bones which he is required to demonstrate. *Twenty-one hours a week, fall quarter; eighteen hours a week, winter quarter.* Professor Mangum.

2. GENERAL HISTOLOGY AND ORGANOLOGY.

Includes: (a) Study of the fundamental tissues, followed by (b) the study of the microscopic structure of the organs of the body, in connection with an examination of gross structure. Lectures, demonstrations, and laboratory. *Six hours a week, fall quarter; nine hours a week, winter quarter.* Professor George.

3. CYTOLOGY AND HISTOGENESIS.

Those who have completed course 2 or its equivalent will be offered an opportunity to pursue further work in Cytology and Histogenesis. Arrangements for this course may be made with the instructor. Professor George.

4. EMBRYOLOGY.

(a) Lectures and laboratory study of the early processes in the formation of the vertebrate body. (b) Lectures, demonstrations, and laboratory study of mammalian embryos. *Three hours a week, fall quarter; six hours a week, spring quarter.* Professor George.

5. CENTRAL NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.

A special laboratory study of the gross and microscopic anatomy of the cord and encephalon. Each student is provided with numerous prepared dissections of the human brain and a series of sections through the cord of the brain stem which he studies with the aid of a guide. A human brain is then given to each group of four men and by them dissected in order to correlate and systematize the work already done. A practical examination tests the student's ability to locate the various tracts and nuclei. *Twelve hours a week, spring quarter.* Professor Mangum.

6. SURGICAL ANATOMY.

The principles of minor surgery and the relation of anatomy to surgery. Emphasis is given to those details of anatomy which are of special importance in the practice of surgery. Lectures and demonstrations upon the cadaver. *Six hours a week, spring quarter.* Associate Professor Lawson.

Physiology

PHYSIOLOGY.

The course in Physiology is given in four parts as follows:

1. Physiology: a lecture course of six hours a week for two quarters, in which the functions of the systems of organs are explained and discussed as fully as time permits. The subjects include the digestion, the circulation, respiration, elimination, metabolism, the internal secretions, heat regulation, the nervous system, and the special senses. Attention is called to pathological conditions which are commonly associated with disturbed functions and which emphasize the importance of normal function. Text: Howell, McLeod.

2. Biological Chemistry 1: a lecture and laboratory course of nine hours a week during the winter quarter of the first year in which the fundamental principles of the subject are discussed and illustrated by appropriate experiments in the laboratory as far as possible. The chemistry of the "body stuffs" and the other general subjects of physiological chemistry are treated in the usual way.

3. Biological Chemistry 2: In the fall quarter of the second year, the class is divided into two sections for the more difficult work in digestion, blood and urine analysis, basal metabolism, etc. Text: Pettibone, Hawk, Folin.

4. Experimental Physiology: a laboratory course of six hours a week during the fall quarter of the second year. Special experiments performed in small sections are carried on in the winter quarter. In this course the student learns the use of physiological apparatus; studies the neuro-muscular system and heart on the frog and turtle; the vascular and respiratory systems on the rabbit and dog; and performs a limited number of experiments on the human, making pulse records, taking blood pressure, etc. Laboratory Notes. Professor Manning and Mr. Brooks.

5. ADVANCED COURSE IN BIOLOGICAL CHEMISTRY.

(a) Biochemical Methods. Studies of Biochemical Methods. Original articles are consulted and theoretical problems worked out. *Three lectures weekly, spring quarter.*

(b) Biochemical Preparations. The preparation of plant and animal products of special interest, a laboratory course in conjunction with course (a). *Six laboratory hours weekly, spring quarter.*

Materia Medica and Pharmacology

1. MATERIA MEDICA AND CHEMICAL PHARMACOLOGY.

The course is an integral part of the course in Pharmacology for second year medical students and is a prerequisite to it.

This introductory course has a triple purpose. First, to familiarize students with the physical character and behavior of the official drugs; second, to demonstrate the manner in which these drugs are brought together in making medicinal formulas; and third, to show how these and other drugs may be ordered by means of properly written prescriptions. Class-room and laboratory exercises are regularly held to acquaint students with the appearance and nature of crude drugs, pharmaceutical preparations, and synthetic compounds; while representative types of medicines—tinctures, ointments, pills, etc.—are made by each student in order to gain first hand knowledge of formula construction. Prescription writing is given careful consideration with particular attention being paid to terminology and incompatibility. Thornton's *Manual of Materia Medica*. *Five hours a week, fall quarter, first year.* Professor Beard.

2. Pharmacology. The course in Pharmacology extends throughout the second year of the medical curriculum. The character of the work permits a division of the course into three parts: (a) A consideration of the ways in which drugs may affect the organism. This introduction embraces a discussion of the various physico-chemical forces influencing drug activity, and the modification of the action of these conditions in different pathological states of the organism, such, for instance, as febrile conditions and various metabolic disturbances. (b) A general study of the pharmacology of the important drugs. The drugs are considered in groups depending upon their predominant effect in the body. The student learns the preparation, their dose, physiological incompatibilities, and considers in detail the way in which the drugs act as pharmacological agents. The symptoms and treatment of poisoning are considered following the discussion of the pharmacology of the group. (c) A consideration of the pharmacology of the drugs in the pathological animal, with a

discussion of the modification of drug activity in various pathological states. In conjunction with this study emphasis is given to the use of drugs as therapeutic agents and a study is made employing such remedies as are indicated in the form of a prescription. Students are required to write prescriptions, which are then subjected to the criticism of various members of the class and the instructor.

3. **Pharmacodynamics.** This part of the general course in pharmacology consists in a careful and accurate study of the action of practically all of the more important drugs on animals. For this work, the higher animals, such as the cat and dog, are chiefly used. The class is divided into groups of two or four, and the experimental work is conducted by the student. Each student is required to hand in to the instructor at the completion of the course a laboratory notebook containing a detailed account of each experiment, an explanation of the results obtained, and the tracings made during the experiment. Oral and written recitations are frequently held. Text: Sollmann. Reference: Cushny; Meyer and Gottlieb, *Pharmacology, Experimental and Clinical*; Jackson, *Experimental Pharmacology*. *Three hours a week, fall quarter; ten hours a week, winter and spring quarters.* Professor MacNider, Mr. Bender.

4. ADVANCED PHARMACOLOGY.

Two types of courses will be offered: (a) an experimental study of the action of various drugs upon the normal animal; (b) an experimental study of the action of various drugs and other agents upon the pathological animal. Professor MacNider.

Bacteriology and Pathology

1. **PRINCIPLES OF BACTERIOLOGY.** Prerequisite, Chemistry 1-2 and Botany 1. *Elective.

A lecture and laboratory course offered as a general science course. The fundamental principles of bacteriology are emphasized, and the student is trained in general bacteriological technique. The morphological and biological characteristics of the molds, yeasts, and saprophytic bacteria are studied. Pure cultures are isolated from air and water, and identification attempted. The applications of bacteriology to agriculture, industry, and the home are considered. (Registration of a minimum of eight students required.) Text: Marshall's *Microbiology*. *Six hours a week (lectures and laboratory), winter quarter. Laboratory fee, \$4.00.* Professor MacPherson.

2. **MEDICAL BACTERIOLOGY.** Required of medical students. *Elective.

The early weeks of the course are devoted to a thorough grounding in the fundamental principles of bacteriology. Each student prepares the various culture media in common use: cultivates and describes several non-pathogens from stock cultures; and practices the more useful staining methods. Pure cultures are isolated from air and water and their biology studied. The major portion of the course is devoted to the detailed study of the pathogens. Unknown mixtures are used to test the student's ability to differentiate organisms of the various groups. Practical applications of bacteriology in the diagnosis of disease are stressed by the examinations of sputa, pus, feces, and blood. Animal inoculations are made to demonstrate the process of infection and the differentiation of certain organisms. Lectures cover all the more important diseases. Text: Jordan's *Bacteriology*. *Fifteen hours a week (lectures and laboratory), spring quarter. Laboratory fee, for non-medical students, \$6.00.*

* Before registering for this course the academic student must secure the permission of his Dean.

3. PUBLIC HEALTH AND HYGIENE. Prerequisite, Bacteriology 2. *Elective.

Lectures and quizzes on the sources, mode of spread, and control of communicable diseases; child hygiene; industrial hygiene; water and sewage purification; vital statistics; and epidemiology. Text: Rosenau's *Preventive Medicine*. Three hours a week, winter quarter. Professor MacPherson.

4. INFECTION, IMMUNITY, AND SERUM DIAGNOSIS. Required of medical students. Prerequisite, Bacteriology 2 or its equivalent. *Elective.

The early laboratory work is designed to demonstrate the basic principles of immunology and serology. Practical training is given in the production and use of agglutinins, precipitins, lysins, and complement fixing antibodies. Vaccines are prepared, and their use demonstrated. The preparation and standardization of antimicrobial and antitoxic sera are studied. Anaphylaxis and allergy are produced in animals, and methods of diagnosis and desensitization practiced. The student is required to prepare his own materials and to inject and bleed animals himself. Special attention is given to the use of these principles in the diagnosis of blood stains; blood grouping; typhoid fever; typhus fever; diphtheria; tuberculosis; hay fever; gonorrhœa; and syphilis. Unknown specimens test the student's ability to use the reactions. Lectures consider the principles of infection, immunity, and resistance. Text: Kolmer's *Infection, Immunity, and Biological Therapy*. Nine hours a week (lectures and laboratory), fall quarter. Laboratory fee for non-medical students, \$10.00. Professor MacPherson and ———.

5. PUBLIC HEALTH LABORATORY METHODS. Prerequisite, Bacteriology 1 or its equivalent. *Elective.

A course of training in the modern bacteriological methods employed in the routine work of a public health laboratory. Practice is afforded in the laboratory diagnosis of diphtheria, tuberculosis, typhoid fever, pneumonia, malaria, gonorrhœa, syphilis, and rabies. The bacteriological examination of water, milk, and canned goods is also practiced. The course is designed for medical students, and those wishing to qualify as bacteriological laboratory technicians. Six hours a week, spring quarter. Laboratory fee for non-medical students, \$6.00. Professor MacPherson.

6. ADVANCED BACTERIOLOGY AND RESEARCH. Prerequisite, Bacteriology 2 or its equivalent. *Elective.

Opportunity and facilities are offered to qualified students to pursue advanced work in bacteriology and immunology. Hours arranged. Professors Bullitt, MacPherson.

PATHOLOGY.

This course embraces a consideration of general and special pathology from the chemical and physiological as well as the morphological aspects. Lectures and recitations are combined with laboratory work in a study of both gross and microscopical preparations.

In this work carefully selected loan sections form the basis for the study, but especial attention is paid to the experimental production, in laboratory animals, of the various common lesions due to mechanical, chemical, and bacterial agents. Under the guidance of the instructor the student produces these lesions and prepares his own specimens therefrom. Text: MacCallum, Mallory. Six hours a week, fall quarter; eight hours a week, winter quarter; twelve hours a week, spring quarter. Professors Bullitt, Hunt.

* Before registering for this course the academic student must secure the permission of his Dean.

CLINICAL MICROSCOPY.

In this course a study is made of blood, urine, sputum, stomach contents, feces, spinal fluid, and various exudates. Some of its content has been partially covered in the courses in Chemistry, Bacteriology, and Pathology, but considerable additional material is supplied and this material is studied in more detail. The student has the opportunity to acquire skill in making these examinations. Emphasis is laid upon the clinical aspects. The work consists chiefly of laboratory exercises but these are supplemented, where necessary, by lectures. *Three hours a week, spring quarter.* Professor Carrington.

THE SCHOOL OF PHARMACY

HARRY WOODBURN CHASE, Ph.D., LL.D., *President.*

*EDWARD VERNON HOWELL, A.B., Ph.G., *Dean.*

JOHN GROVER BEARD, Ph.G., *Secretary and Acting-Dean.***

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FRANCIS PRESTON VENABLE, Ph.D., D.Sc., LL.D., *Kenan Professor of Chemistry.*

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JAMES MUNSIE BELL, Ph.D., *Smith Professor of Chemistry.*

WILLIAM FLINT THRALL, Ph.D., *Professor of English.*

FRANK KENNETH CAMERON, Ph.D., *Professor of Chemistry.*

JAMES TALMADGE DOBBINS, Ph.D., *Associate Professor of Chemistry.*

EDWARD VERNON KYSER, Ph.G., Ph.C., *Associate Professor of Pharmacy.*

HENRY ROLAND TOTTEN, Ph.D., *Associate Professor of Botany.*

FLOYD HARRIS EDMISTER, Ph.D., *Associate Professor of Chemistry.*

MARION LEE JACOBS, Ph.C., M.Sc., *Assistant Professor of Pharmacy.*

HARRY EUGENE BOLEN, *Assistant in Pharmacy.*

DONALD POLEN CHAMBLEE, *Assistant in Pharmacy.*

JAMES BEARDSLEY CONNELL, *Assistant in Pharmacy.*

FRANK WILSON DAYVAULT, *Assistant in Pharmacy.*

HISTORICAL SKETCH

In 1880 Dr. Thomas W. Harris was instrumental in establishing a Pharmacy School at the University in connection with the School

* Absent on leave, fall quarter, 1928.

** Fall quarter, 1928.

*** The President, the Registrar, and the Dean of Students *ex officio* members of each Administrative Board.

of Medicine. Doctor Harris was Professor of Anatomy, Materia Medica, and Pharmacy. The faculty of the new school consisted in addition to Professor Harris, of Frederick W. Simonds, Professor of Botany and Physiology, and Francis P. Venable, Professor of Chemistry. The course in pharmacy extended over two sessions of five months each, and led to the degree of Graduate in Pharmacy (Ph.G.). The school was continued until the resignation of Doctor Harris in 1886, when it was abandoned completely. In the fall of 1889 the school was revived by Dr. Richard H. Whitehead, but again its career was cut short.

In March of 1897 the present School of Pharmacy was established, and Edward Vernon Howell, A.B., Wake Forest College, and Ph.G., Philadelphia College of Pharmacy, was elected Professor of Pharmacy and given charge of the school. At that time the school occupied the ground floor of the New West Building, which had been provided with laboratories, lecture rooms, an herbarium, and a reading room. The first lectures, offered in September of 1897, pertained to practical and theoretical pharmacy, materia medica, physiology, physics, general and analytical chemistry, and botany. The course of study extended over two sessions of nine months each and led, as did the courses in the initial school, to the degree of Graduate in Pharmacy (Ph.G.).

In the summer of 1912 the school was moved to Person Hall, a building containing ten rooms. In 1914 two new courses in pharmacy were added to the curriculum; one, a three-year course, led to the degree of Doctor of Pharmacy (P.D.); the other, also a three-year course, led to the degree of Pharmaceutical Chemist (Ph.C.). In 1917 the school was admitted to membership in the American Association of Colleges of Pharmacy, an organization founded for the promotion of pharmaceutical education. Member-colleges, in order to retain their membership, must maintain certain entrance and graduation requirements and must in other ways follow out general practices as determined by the Association.

In order to comply with the Association's newly made requirements, in 1925 the degrees of Doctor of Pharmacy and Pharmaceutical Chemist were abandoned, and the course of study leading to the degree of Graduate in Pharmacy was advanced from two to three years. A four-year course was also added leading to the degree of Bachelor of Science in Pharmacy (S.B. in Pharm.).

In the fall of 1925 the School of Pharmacy moved into the building formerly occupied by the Department of Chemistry. The school has gradually developed with respect to members of the faculty, equipment, apparatus, and attendance. The pharmaceutical library has been made valuable by many historical and modern books on pharmacy and its allied branches and by bound volumes of proceedings and journals, either given by friends or purchased by the University.

REQUIREMENTS FOR ADMISSION

See page 58.

EXPENSES

See page 60.

COURSES OFFERED**For the Degree of Graduate in Pharmacy**

In order to be recommended for the degree of Graduate in Pharmacy the student must have completed the three-year course of study outlined below. Work done in some other recognized school of pharmacy may be accepted for the first two years of this course only.

A student must obtain satisfactory marking in attendance, making a grade of D or better in each course, and must submit a satisfactory thesis.

No first year student who fails to pass at least six courses, and no other student who fails to pass seven courses or equivalent, shall be readmitted to the School of Pharmacy except by a special vote of the Administrative Board of the School.

For the Degree of Bachelor of Science in Pharmacy

A four-year course leading to this degree is offered. For the curriculum required for this degree see under the section devoted to the School of Applied Science, page 199.

A student who has completed one or more years of accredited work in a recognized school of pharmacy and submits satisfactory evidence of having completed the entrance requirements and courses equivalent to those prescribed in the curriculum required for the degree of S.B. in Pharmacy, may be admitted with advanced standing and proceed for this degree.

Upon the completion of the curriculum prescribed for the degree of Bachelor of Science in Pharmacy, provided he has elected Zoölogy 1 and 2 in his senior year, a student may enter a School of Medicine or pursue courses of study leading to the Master's or Doctor's degree with Chemistry as his major subject.

Drug Store Experience

The North Carolina Board of Pharmacy requires of candidates for license to practise pharmacy evidence of not less than forty-eight months of practical drug store experience. However, it allows the work done in the pharmaceutical laboratories to count in lieu of drug store experience, such credit to be limited to twenty-four months. Up to this limit the college work counts month for month.

METHOD OF NUMBERING COURSES IN PHARMACY

The first numeral in the course number indicates which year in the schedule the course is pursued: for example, Pharmacy 15 is a subject taught in the first year; Pharmacy 20 in the second year, etc.

COURSE LEADING TO THE DEGREE OF GRADUATE IN PHARMACY**First Year**

Fall Quarter: Chemistry 1, English 1, Botany 10.

Winter Quarter: Chemistry 2, Botany 11, Pharmacy 11, Pharmacy 15.

Spring Quarter: Chemistry 31, English 20, Pharmacy 12, Pharmacy 16.

Second Year

Fall Quarter: Chemistry 41, Pharmacy 20, Pharmaceutical Chemistry 25, Pharmaceutical Chemistry 26.

Winter Quarter: Chemistry 42, Pharmacy 21, Materia Medica 20.

Spring Quarter: Pharmacy 28, Pharmaceutical Chemistry 27, Materia Medica 21, Pharmacology 20.

Third Year

Fall Quarter: Pharmacy 30, Pharmacy 32, Materia Medica 30, Pharmacology 32.

Winter Quarter: Pharmacy 33, Pharmacy 34, Pharmacy 35, Pharmacy 39, Pharmaceutical Chemistry 36.

Spring Quarter: Pharmacy 31, Pharmacy 38, Pharmaceutical Chemistry 37, Elective (to be approved by the school).

COURSE LEADING TO THE DEGREE OF S.B. IN PHARMACY

See page 199.

COURSES OF INSTRUCTION**Pharmacy****11-12. THEORY AND PRACTICE OF PHARMACY.**

This course consists of lectures upon the following subjects, with practical demonstrations and the employment of proper apparatus whenever necessary: metrology, comminution, heat evaporation, distillation, sublimation, fusion, calcination, granulation, oxidation, reduction, etc.; colation, filtration, decolorization, clarification, precipitation, etc.; maceration, expression, infusion, decoction, etc.; percolation and study of the following: waters, syrups, honeys, glycerites, mucilages, mixtures, spirits, elixirs, liniments, collodions, tinctures, wines, vinegars, and fluidextracts. Text-book: Remington's *Theory and Practice of Pharmacy*. Five hours a week, winter and spring quarters. Professor Howell.

15-16. OPERATIVE PHARMACY.

This course is designed to demonstrate the various operations outlined in Pharmacy 11-12, and to drill the student in the correct preparation or manufacture of all of the classes of pharmaceuticals as outlined in the Pharmacopoeia. He is required to make under the direction of the instructor those preparations which enter into prescriptions and is taught the correct uses of the different apparatus required in the practice of pharmacy. Text-book: Remington's *Theory and Practice of Pharmacy*. *Lectures and laboratory, four hours a week, winter and spring quarters. Laboratory fee, \$7.50 a quarter.* Professors Kyser, Jacobs, and Assistants.

20-21. THEORY AND PRACTICE OF PHARMACY. Prerequisite, Pharmacy 11-12.

The official forms and preparations of drugs are taken up in detail. Beginning with the inorganic compounds, the salts are considered with regard to their commercial qualities and pharmaceutical uses and preparations. The organic compounds are studied, commencing with the salts of the organic acids and passing to the natural and organic compounds. *Five hours a week, fall and winter quarters.* Professor Howell.

28. DISPENSING PHARMACY.

A practical course concerned with the operations and processes involved in prescription-filling. At the outset, students demonstrate for themselves the selection and correct use of the various apparatus employed in compounding formulae, after which they are drilled carefully in proper procedure and are instructed thoroughly in the method of mixing the materials that enter into physician's recipes. Incompatibilities are considered, first, as to probable occurrences, and second, as to prevention or correction. The common types are demonstrated and every probable kind is given study. No fixed number of actual prescriptions is required to be filled, but the student is kept at the task of compounding until he becomes competent to serve as a practical prescriber. Not only is the usual technique of compounding dwelt upon, but there also enters into the course a consideration of such matters as eutectic mixtures, colloidal solutions, viscosity, etc. After prescriptions are filled, they are checked, labeled, properly packed, and then priced according to the accepted scale of calculation. During the progress of the course, emphasis is laid upon posture, neatness, dexterity, and accuracy. Working texts: Beard's *Guide to Dispensing Practice*, Remington's *Practice of Pharmacy*. *Lectures and laboratory, nine hours a week, spring quarter. Laboratory fee, \$10.00.* Professor Beard and an Assistant.

30. HISTORY OF PHARMACY.

This course is a study of the development of pharmacy from its ancient beginnings to its present state. The evolution of the Pharmacopoeia and the establishment of a pharmaceutical literature are also considered. Medical superstitions and the art of alchemy are contrasted with modern theories and practices in the field of drug therapy and manufacture. *Five hours a week, fall quarter.* Professor Howell.

31. THEORY AND PRACTICE OF PHARMACY.

A review of the tests and assays of the U. S. P. together with important diagnostical reagents and clinical tests. *Five hours a week, spring quarter.* Professor Howell.

32-33. COMMERCIAL PHARMACY.

In presenting this practical course, the dominant motive is to train students to think in terms of drug store ownership rather than clerkship, and to think independently. The class is led progressively through the various phases of retail drug store operation, beginning with the location of a store site and end-

ing with lectures on pharmaceutical jurisprudence. Each student is expected to subscribe for three leading drug journals and to purchase at least two reference books on retail store management. Text-book: Pearson's *Commercial Pharmacy*. *Lectures nad recitations, three hours a week, fall and winter quarters.* Professor Beard.

34. PHARMACEUTICAL ARITHMETIC.

Beginning with a thorough study of the metric system, this course progresses through transposition, ratio, percentage, and alligation, after which the student is drilled in problems having to do with chemical reactions. Follows then a consideration of the arithmetic met with in commercial transactions, such as cost, overhead, profit, and sales percentage; turnover; mark-up; etc. It is the purpose of the course so to relate arithmetic to pharmacy as not only to make certain that students can solve quickly and correctly the scientific problems met with in manufacturing and dispensing, but also that they may have mastery over the merchandising calculations that play a prominent part in retail pharmacy. Text-books: Sturmer's *Pharmaceutical Arithmetic*. *Three hours a week, winter quarter.* Professor Beard.

35. PHARMACEUTICAL LATIN.

A certain modicum of Latin is absolutely essential to the understanding of pharmaceutical terminology and to the proper handling of prescriptions. It is the purpose of this course to provide exactly that modicum. The course is divided into two parts. The first consists of twenty lectures and recitations presenting in progressive arrangements the necessary instruction in forms and syntax, and excluding everything which, however desirable and helpful, is not of immediate practical use to the pharmacist. The second part is devoted to word classification, abbreviations in common use, and to analyzing pharmaceutical terminology and prescriptions as ordinarily written. Text-book: Howe and Beard's *Latin for Pharmacists*. *Three hours a week, winter quarter.* Professor Beard.

38. INDUSTRIAL PHARMACY. Prerequisite, Pharmaceutical Chemistry 36-37 or Chemistry 61, 62.

This course is concerned with the commercial manufacture of the acids, heavy and fine chemicals, pharmaceutical specialties, and other products which are utilized in the manufacture of various pharmaceutical preparations. Special consideration is given to plant location, construction, machinery, raw materials, etc. Business and factory management including salesmanship, order routing, standardization, chemical control methods, packages, and shipping are also given consideration. References: Roger's *Industrial Chemistry*, and *United States Dispensatory*. *Five lecture and six laboratory hours a week, spring quarter. Laboratory fee, \$7.50.* Professor Kyser and an Assistant.

39. RESEARCH.

Original work in some department of the School must be carried out and the results presented in the form of a written thesis. The student may elect to carry on his research under any member of the departmental faculty, but the character and scope of the investigation must be approved by the director of the course. Professor Howell.

49. RESEARCH. Prerequisite, Pharmaceutical Chemistry 40 and Pharmacy 30.

Advanced research work as a partial requirement for the degree of S.B. in Pharmacy. *Laboratory fee, \$5.00.* Professors Howell, Beard, Kyser, Jacobs.

Pharmaceutical Chemistry

25. TOXICOLOGY.

The chemical and physiological behavior of poisons; first aid, antidotal and recuperative treatment for the various types of poisoning. The separation and identification of poisons in foods and animal tissues. The laws regulating the sales of poisons are also considered. *Two lecture and three laboratory hours a week, fall quarter. Laboratory fee, \$3.00.* Professor Kyser and an Assistant.

26. URINARY ANALYSIS.

By means of laboratory work, supplemented by lectures, the student is drilled in making qualitative and quantitative analyses of urine. The phenomena of urine secretions and elimination and the physiological and pathological constituents of urine, with exhaustive tests for determining the presence or absence of these constituents, are fully dwelt upon. In addition, the student is taught to select and arrange the apparatus required to make urine analyses in the drug store. Text-book: Hawk's *Physiological Chemistry*. *Two lecture and three laboratory hours a week, fall quarter. Laboratory fee, \$3.00.* Professor Jacobs and an Assistant.

27. PHARMACEUTICAL ANALYSIS. Prerequisite, Chemistry 41, 42.

A laboratory course supplemented by lectures designed to instruct the student in the Pharmacopoeial methods of the identification and determination of the purity of the official drugs and chemicals. Text-book: *United States Pharmacopoeia*. *Three lecture and four laboratory hours a week, spring quarter. Laboratory fee, \$5.00.* Professor Kyser and an Assistant.

36-37. ORGANIC PHARMACEUTICAL CHEMISTRY. Prerequisite, Chemistry 41, 42.

The organic pharmaceuticals of the aliphatic and aromatic series. *Three lecture and six laboratory hours a week, winter and spring quarters. Laboratory fee, \$10.00 a quarter.* Professor Jacobs.

40. INDUSTRIAL PHARMACY. Prerequisite, Chemistry 61, 62.

The manufacture of volatile oils, aromatic chemicals and perfumer's raw materials. Consideration is given to the art of perfuming and the manufacture and analysis of cosmetics and general toilet requisites. Patents, trademarks, copyrights, advertising, and package designing are also considered. *Five lecture and six laboratory hours a week, winter quarter. Laboratory fee, \$10.00.* Professor Kyser and an Assistant.

41. INDUSTRIAL PHARMACY. Prerequisite, Chemistry 41, 42.

A technical course in the commercial methods of analysis of crude drugs, pharmaceuticals, trade products, and toilet preparations. References: *United States Pharmacopoeia* and Allen's *Commercial Organic Analysis*. *Five hours a week, spring quarter. Laboratory fee, \$5.00.* Professor Kyser.

43-44. ORGANIC PHARMACEUTICALS. Prerequisite, Pharmaceutical Chemistry 36-37 or Chemistry 61, 62.

Methods of the organic pharmaceutical industries and the recent advances in organic medicinals. *Five lecture, conference, and laboratory hours a week, winter and spring quarters. Laboratory fee, \$10.00 a quarter.* Professor Jacobs.

Materia Medica and Pharmacology

20-21. MATERIA MEDICA. Prerequisite, Botany 10-11.

The individual drugs of the United States Pharmacopoeia and the National Formulary are considered from the standpoint of their origin, history, appearance, structure, active principles, chief medicinal properties, official prepara-

tions, and doses. These drugs are grouped and studied according to the families to which they belong. Later they are classified into therapeutic groups, based on their action, i.e., whether they are stimulants, alteratives, irritants, astringents, etc. The subject is amply illustrated from the large collection of the School, which includes all the drugs of the Pharmacopoeia, as well as many unofficial plant parts; by means of colored plates and pictures; and from the library, which contains a large number of valuable books on the subject. Text-books: Washburn's *Pharmacognosy and Materia Medica*; Beard's *Therapeutic Terms and Common Diseases*. *Lectures and recitations, five hours a week, winter and spring quarters.* Professor Beard.

30. MATERIA MEDICA. Prerequisite, Materia Medica 20-21.

This course is to be considered as advanced Materia Medica 20-21. In addition to a more comprehensive study of vegetable and chemical drugs, consideration is given to the animal and biological products which are used as drugs. Preliminary to the study of serums and vaccines, the student is taught something of the form, occurrence, habits, and resistance of the more common pathological organisms, the activities of which make biological products necessary. *Lectures and recitations, five hours a week, fall quarter.* Professor Beard.

20. PHARMACOLOGY.

A study of the functions of the normal human body and a consideration of how these functions are modified by the action of drugs. Laboratory experiments are conducted by the instructor to demonstrate the more important physiological reactions of the lower animals, frogs, turtles, and cats. *Three hours a week, spring quarter.* Professor MacNider.

32. PHARMACOLOGY. Prerequisite, Materia Medica 20-21. Pharmacology 20.

This course is concerned with the physiological and therapeutic action of drugs both upon man and upon lower animals. Prior to this work the student has completed Materia Medica 20-21 which is concerned with the study of the physical and chemical properties of drugs, their preparations, dosage, and a brief statement of their effect. This course in Pharmacology is intended to amplify and give in a more detailed fashion an understanding of the way in which the drug acts in normal and in toxic quantities. A consideration of the biological standardization of drugs is also a part of this course. Text-book: Bastedo's *Materia Medica, Pharmacology, and Therapeutics*. *Lectures and laboratory, seven hours a week, fall quarter. Laboratory fee, \$5.00.* Professor MacNider and an Assistant.

Botany

10. GENERAL BOTANY.

An introduction to the structure, classification, and activities of plants, with life history studies from the principal groups, including algae, bacteria, fungi, mosses, ferns, and the seed plants. Instruction in this course is not confined to the lecture room and laboratory, but advantage is taken of the rich local flora and of the arboretum with its drug garden. Through field trips the student learns to use keys and to make collections, and becomes acquainted with the living plants, especially with the trees, shrubs, and drug plants. *Five lecture and four laboratory hours a week, fall quarter. Laboratory fee, \$4.00.* Professor Totten and Assistants.

11. PHARMACEUTICAL BOTANY AND PHARMACOGNOSY. Prerequisite, Botany 10.

A study of drug plants; the structure of their parts and contents; the localization and identification of crystals, starches, mucilages, gums, oils,

resins, glucosides, alkaloids, etc.; microscopical study and identification of crude and powdered drugs and their adulterants. *Four lecture and four laboratory hours a week, winter quarter. Laboratory fee, \$4.00. Professor Totten and Assistants.*

For description of courses in Chemistry, see pages 99-101, in English, see page 138.

PRIZES AND SCHOLARSHIPS

THE BRADHAM PRIZE, offered by Mr. C. D. Bradham, of New Bern, N. C., will be given to the student making the highest general average during the three years of study leading to Ph.G.

LEHN AND FINK GOLD MEDAL. This medal is given annually by Lehn and Fink of New York City, for excellence in research work.

HOWELL SCHOLARSHIP. A scholarship of \$60.00 will be awarded for meritorious work in the second year.

RICHARDSON SCHOLARSHIPS. Three scholarships of \$75.00 each for tuition have been established by Mr. H. S. Richardson, of Greensboro. These scholarships are awarded to members of the first, second, and third year classes for excellence in scholarship.

COUNCIL SCHOLARSHIP. This scholarship, amounting to \$75.00 a year for tuition, is awarded to a deserving student selected by the Dean of the School of Pharmacy and the donor.

FAIRCHILD SCHOLARSHIP. Mr. Samuel W. Fairchild, of New York City, offers annually a scholarship amounting to \$300.00 in cash to the high school graduates of the United States who wish to follow Pharmacy as a vocation.

The Fairchild Scholarship will be awarded on the basis of competitive examination given to candidates who are high school graduates and who have successfully finished their first year's work in a school or college of pharmacy or department of pharmacy of a university which is a member of the American Association of Colleges of Pharmacy. Each school, college, or department of pharmacy will be allowed and be limited to two candidates. Application for further information concerning this prize should be made to the Dean of the School of Pharmacy.

THE UNIVERSITY OF NORTH CAROLINA BRANCH OF THE AMERICAN PHARMACEUTICAL ASSOCIATION

The University of North Carolina Branch of the American Pharmaceutical Association was organized in the fall of 1922 in response to the need of the students for a local society devoted to the scientific and ethical development of pharmacy as a profession. Eighteen meetings are held during the year at which many lectures are presented by men well known in American pharmacy. The annual dues are \$5.00. This fee covers one year's membership in both the local branch and the national association, as well as a copy of the official year book.

PART SIX

COMMENCEMENT INDEX

ONE HUNDRED AND THIRTY-THIRD COMMENCEMENT 1928

Friday, June 8th, Class Day

CLASS EXERCISES OF THE GRADUATING CLASS
RECEPTION TO THE GRADUATING CLASS
SENIOR CLASS BANQUET

Saturday, June 9th, Alumni Day

ANNUAL MEETING OF THE ALUMNI
ALUMNI LUNCHEON
PRESIDENT'S RECEPTION
ALUMNI BALL

Sunday, June 10th, Baccalaureate Sunday

BACCALAUREATE SERMON, DR. FRANCIS PENDLETON GAINES
GLEE CLUB CONCERT
BAND CONCERT
VESPER SERVICES—Y. M. C. A. SERMON

Monday, June 11th, Commencement Day

COMMENCEMENT ADDRESS, HARRY WOODBURN CHASE
PRESENTATION OF DIPLOMAS BY
His Excellency, ANGUS WILTON MCLEAN

DEGREES IN COURSE

Bachelors of Arts

Roy Whitney Alexander
John Orr Allison
Dudley Cyrus Babb
Henry Lee Barbee
Winfield Supply Barney, Jr.
Killian Barwick
Harry Price Bell
Joseph Manfred Block,

M. E. Block, Jr.
Norman Block
Joseph Rosser Bobbitt, Jr.
Harry Woodson Booz
Henry Parker Brandis, Jr.
Herman Harrison Braxton
George Francis Busby
Winnie Kearse Bush

David Donald Carroll
 George Kenneth Cavanaugh
 Philip Macon Cheek
 Robert Little Cole
 Robert Daniel Coleman, Jr.
 Ceasar Cone
 Walter Devereaux Creech
 James Winfield Crew, Jr.
 Temple Epps Dalrymple
 Waverly Ashton Daniel, Jr.
 Elisabeth Ann Davis
 John Conrad Davis
 Frederick Williamson Dick
 William Bradley Dillingham
 Graham Pinson Dozier, Jr.
 Grace Wilson Duncan
 James Glenn Edwards
 Nancy Blair Eliason
 Galen Elliott
 Emanuel Joshua Evans
 Dorothy Irene Fahs
 James William Ferrell, Jr.
 Paul Sprague Foster
 Robbins Keith Fowler
 Dillard Scott Gardner
 Stanley Adams Garriss
 Edward Gay Glover
 Howard Gibson Godwin
 William Alexander Graham
 Stephen Porter Graves, Jr.
 Frank Barron Grier, Jr.
 J. Bryan Grimes
 George Bates Hagood
 Francis Clement Hayes
 John Ambroise Hebert
 Louis Holland
 Caroline Pasteur Holmes
 Elizabeth Whitney Holt
 Daniel Edward Hudgins, Jr.
 Clifford Franklin Hudson
 Arthur Augustus James, Jr.
 Thomas Palmer Jerman
 Harry Ritenour Johnson
 Katherine Badger Johnson
 Thomas Watson Johnson
 Samuel Nash Johnston

Samuel Wheeler Worthington, Jr.

Alvin Marvin Kahn
 Edwin Earle Koonce
 James Kerne Kyser
 Estelle Edith Lawson
 Henry Neill Lee
 Devereaux Haight Lippitt, Jr.
 Richard Franklin Little
 Rufus Reid Little
 Morris Jack London
 Lenore Powell McFadden
 Robert Louis McGee
 William Theodore McKinney
 Lafayette Holt McPherson
 Andrew Clark Mathews
 Mary Louise Medley
 David Tuttle Milne
 James Mebane Mitchell
 Mildred Morgan
 Hubert Louie Morris
 Joseph Edgar Morris
 John Fairbanks Motsinger
 William Watt Neal, Jr.
 Ralph Wilson Noe
 Henry Bryce Parker
 Charles Price
 Sara Georgina Purrington
 Thad Marshall Reece
 Louis Jefferson Ring
 Marion Butler Roberts
 John Francis Shaffner
 William Francis Shaffner, Jr.
 Sylvester Brown Shepherd, Jr.
 Thomas Dick Slagle
 Richard Webster Smith
 Thomas Carlisle Smith, Jr.
 James Alexander Spruill, Jr.
 George Floyd Taylor
 James Hall Thompson
 Laurence Cornelius Thornton
 Thomas Albert Uzzell, Jr.
 Parmelee Ward
 Alton Alexander Watt
 Henry Weil
 Alfred Byron White
 Abel Gross Whitener
 Robert Wallace Wilkins

Bachelors of Arts in Education

George Calvin Allen
 Virginia Bruce Ayscue
 William Austin Beam
 Charles Leonard Beard
 Joseph Wayne Blackard
 Luther Nicholson Byrd
 Edward Alexander Cameron
 Edwin Crawford Chrisco

Howard Smith Cochran
 Kate Conley
 Eric Vane Core
 Daniel Shaw Davis
 William Alexander Evans
 Everette Graham Gibson
 Rebecca Cameron Graham
 Tarasa Margaret Graham

Mary Lee Gray
 John Manning Griswold
 Benjamin Hackett Harding
 John Baugham Harrison
 Emmitt Melvin Honeycutt
 Hugh Bevins Jenkins
 Harry Henry Jones, Jr.
 Katherine MacLaurin McKinnon
 John Philip Hancock McNatt
 Holland McSwain
 Jennie Mecum
 Ernest West Morgan
 William John Olive
 Charles Aycock Parlier

George Dowell Pearson
 Nancy Irene Pope
 Roy Aldon Proffitt
 Owen Henry Rouse
 Marilee Shaw
 Wendell Wayne Smiley
 Floyd Vance Spence
 William Leigh Tilson
 Kathryn Elizabeth Troutman
 Clemant Wake Twiford
 John James VanNoppen
 James Edwin Webb
 Charles Day Whisnant
 James Allen Williams

Zack Maroney Williams

Bachelors of Science in Chemistry

George Clinton Holroyd

Charles LaMar Thomas

Bachelors of Science in Medicine

Allan Simpson Chrisman
 William Eugene Cook
 James Fulton Crumpler
 Daniel Efland Forrest, Jr.
 Ernest Washington Franklin, Jr.
 Lonnie Carl Liles
 James Lawrence McElroy

Rhodes Edmond Nichols, Jr.
 Robert Deleon Oliver
 Zack Doxey Owens
 Horace Gilmore Strickland
 Earl Van Tucker
 Hugh Alfred Watson
 Clarence Hunt White

Bachelors of Science in Civil Engineering

Raymond Gordon Ambrose
 William Jennings Bolen
 William J. Evans
 Granville Yager Harris
 Arther Russell Hollett
 Edgar Martin Johnson

Howard Atwater Johnson
 John Pescud Lynch
 Will Dockery Merritt
 George Thomas Parkin
 John Dargan Watson
 Frank Ogburn Whitaker

Bachelors of Science in Electrical Engineering

Wilfred Laadan Brooker, Jr.
 Turner Griffin
 Charles Clement Hazell, Jr.
 David Monroe Holshouser
 Chilton Ronald Jones

George McNeill Rose III
 Walter Everrette Stewart
 Henry Edward Thompson, Jr.
 Frank Albert Urbston
 Julian Ayers Ward

Bachelors of Science in Commerce

Lionel Price Adams
 William Ticehurst Anderson
 James Conley Baucem
 William Coleman Butler
 Frederick Lee Byerly
 Richard Albers Carpenter
 Norwood Massenburg Carroll
 Charles Wesley Causey, Jr.
 Carl Hoke Cline
 Ralph Broadus Davidson
 Jackson Costeen Davis

John Oliver Evans
 Jackson Glenn Fair
 Edward Earle Franck
 Maurice Sandroek Giersch
 Frederick Bolles Graham
 Theodore Nelson Grice
 James Harlin Heafner
 Roy Alton Hendricks
 Hermon Agee High
 John Howard Ingle
 Francis Plummer Jenkins

Larry Hermann Lane
 Thomas Leon Lanier
 Edwin Robeson MacKethan, Jr.
 James Thurman Madry
 James Edward Marshall, Jr.
 Daniel Killian Moore
 William Worth Morris
 Goodridge Alexander Morton
 James Howard Moyer
 Aubrey Alphonso Perkins
 Ralph Lee Prevost, Jr.
 Charles Nelson Price
 Hoyt Baker Pritchett

Joseph Montgomery Reece
 Sydney Hall Shaw
 Henry Eugene Smith
 Roscoe Wilmont Sowers
 Durwood Elwood Steed
 William Herman Stephens
 Robert Brown Taylor
 Richard Moore Taylor
 William Luther Thames
 Henry Lee Thompson
 Carl Henry Wessell
 William David Whitaker
 George Elmer Wilkinson

John Bruce Yelverton

Doctors of Law

Frank Bird Gummey

Charles Raper Jonas, with honors

John C. Kesler

Bachelors of Laws

Clarence Windley Hall
 Hoke Frederick Henderson
 Grady Monroe Hood
 Theodore Burroughs Livingston, Jr.
 Marvin Philip Myers

Charles Alexander Nelson
 Frederick Pope Parker, Jr.
 Llewellyn Phillips
 Henry Joseph Tucker
 Jon Cornelius Wiig

Graduates in Pharmacy

Beverly Newton Austin
 Ernest Gaston Boysworth
 Carl Barden Britt
 Milton Stanley Burt
 James Richard Curtis
 John Stratford Ferguson

John Leidy Holshouser
 Paul Love McDaniel
 Jack McDowell McLaughlin
 Curtis Hill Oakley
 William Dorsey Welch, Jr.
 Delmer Frederick White

Pharmaceutical Chemist

Benjamin Walton Booker

Masters of Science

Francis Murdoch Bell
 Alfred Turner Clifford
 Abram Adkins Cory
 Arthur Francis Daniel
 Fred Weymouth Davis
 Earl George Dobbins
 David Ramsey Egle
 John Bryant Gallent
 Onslow Bonner Hager, Jr.

Harvey Albert Ljung
 Bertie Melvel McGee
 Irving Lee Martin
 Harry Andrew Schmitt
 Walter Bailey Sellars
 Thomas Bryan Smiley
 Robert Elliott Thomas
 Albert Macon Worth
 Frederick William zurBurg

Masters of Arts

Claude Ellis Anding
 Columbus Andrews
 Blanche Britt Armfield
 Samuel Horton Askew
 Jesse Lee Bailey
 Wesley Phillips Beans

Roberts Cozart Bullock
 Grover Cleveland Bush
 Margaret Adams Chreitzberg
 Ossie Marguerite Clayton
 Mattie Erma Edwards
 Vina Mosteller Fenley

Majorie Hood Garfield	Andrew Murphy
Eva Gentry	Hannah Jane Plowden
Laurine Haynes	Margaret Dever Slavens
Lemuel Lee Hill	Henry Travis Thompson
George Harold Lawrence	Hugh Dudley Ussery
Selma McComas Lee	Edward Pickney Vandiver, Jr.
Estle Ray Mann	Frank Tatom Williams
Maurice Augustus Moore, Jr.	Evelyn Wilson
Katherine McKean Wolff	

Doctors of Philosophy

Raymond William Adams, English

Thesis: Henry Thoreau's Literary Theory and Criticism.

Ralph Walton Bost, Chemistry

Thesis: Para-Cymylene-2, 5-Diamine.

Albert Lincoln Bramlett, History

Thesis: North Carolina's Western Lands.

John West Harris, Jr., English

Thesis: The Glorification of American Types in American Literature from 1775 to 1825.

William Milford Lofton, Jr., Chemistry

Thesis: Emulsification of Tars and Asphalts.

James Absalom Padgett, History

Thesis: A History of Federal Election Laws.

Howell Grady Pickett, Chemistry

Thesis: The Sulfur Factor in the Synthetic Methanol Reaction.

Henry August Pochmann, English

Thesis: The Influence of the German Tale upon the Tales of Irving, Hawthorne, and Poe.

Gaynell Callaway Spivey, English

Thesis: Elizabethanisms in Victorian Poetic Drama.

John Roy Steelman, Sociology

Thesis: A Study of Mob Action in the South.

Agnes Stout, English

Thesis: Reflections of Current Social Conditions in Milton's Major Poetry.

Rupert Bayless Vance, Sociology

Thesis: Human Factors in Cotton Culture, A Study in the Social Geography of the American South.

Lucy Leinbach Wenhold, Romance Languages

Thesis: A Paleographic Edition of the Old French Crusade Epic, LES CHETIFS, with an Introduction and Notes.

HONORARY DEGREES

Doctors of Laws

Heriot Clarkson

George Whitfield Connor

Clarence Poe

F. A. Sondley

Doctor of Divinity

Walter Adair Stanbury

Doctor of Letters

DuBose Heyward

Doctor of Engineering

John F. Stevens

DEGREES CONFERRED IN AUGUST, 1928**Bachelors of Arts**

Clyde Arthur Ballard
 John Robert DeJournette
 John Witherspoon Ervin
 John Patterson Latta
 Wex Smathers Malone
 Edward Vann Parker

Maud Schaeffer
 Philip Frederick Schnell
 Sara Crawford Sentman
 Herman Everette Spivey
 Isaac Stadiem
 Shepperd Strudwick, Jr.

David Alexander Young

Bachelors of Arts in Education

Clifford Rose Adams
 Walter David Barrett
 Inez Crump Boney
 Cyrus Everett Cashatt
 Joseph Anderson Core
 Albert Joseph Dickson
 Robert Wendell Eaves
 George Smith Haislip
 Atticus Haygood Hatsell

Norwood Miller Henry
 Freddie Jane Hoover
 Bailey Benson Hudson
 Malcolm Hubert McWhorter
 Willa Lou Matheson
 Robert Sweeney Moye
 Claude Phillip Russell
 Arthur B. Seroggs
 Harvey Leo Swain

Hubert A. Thompson

Bachelors of Science in Commerce

Ernest Schley Austin
 Benjamin Gilbert Leggett

John Robert Nicholson
 John Burke O'Donnell

Bachelor of Science in Medicine

Charles Lee Ferguson

Bachelor of Science in Civil Engineering

Owen Guion Thomas

Bachelors of Science in Electrical Engineering

Joseph Maurice Maxwell

Joseph James Williams

Bachelor of Laws

George Matthews Shaw

Master of Science

Collier Bryson Sparger

Masters of Arts

Susie Persons Brown
 Augustus Rufus Bullock
 Bonnie David Bunn
 John Erwin Carroll
 Philip Macon Cheek
 Curtis Crissman
 Louise Davis

George Lee Dickson
 William Earle Drake
 James Oliver Dunston
 Samuel McKee Eddleman
 Howard Montague Finch
 Dan Hall
 Ralph Wendell Holmes

Marshall Ward Hook
 Claude Leon Ives
 James Bate Jones
 Oscar Lee Kiser
 William Tyndall Knox
 Ralph Marion Lee
 Robert White Linker
 Clarence Reid McLain
 Gustave Ernst Metz
 William Anderson Olsen

Egbert Noll Peeler
 Philip Basil Pollock
 Charles Earl Poovey
 Carolyn Ruth Rogers
 Elizabeth Still Rogers
 Harry Kitsun Russell
 Robert Temple Ryland
 Valerie Maynard Schaible
 Miriam Aline Thompson
 Florence Egetrton Underhill

William Lester Wilson

Doctors of Philosophy

Harrington Cooper Brearley

Roy Williamson Morrison

MEDALS, PRIZES, AND FELLOWSHIPS

The Eben Alexander Prize in Greek—W. H. Maxwell.
The Bryan Prize in Political Science—S. H. Askew
The William Cain Prize in Mathematics—E. C. Hunter
The Callaghan Scholarship Prize in Law—C. R. Jonas.
The Ledoux Fellowship in Chemistry—Ethel Ward.
The Graham Kenan Fellowship in Philosophy—J. M. Cheek and P. A. Carmichael.
The Mildred Williams Buchan Scholarship in Philosophy—W. H. Spears.
Special Award in Philosophy—J. O. Allison.
The Henderson Prize in Mathematics—R. C. Bullock
The J. W. Bailey N. C. Club Prize—S. M. Derrick.
The Legal Research Prize—A. W. Gholson, Jr.
The Hill Law Review Prize—A. L. Butler.
The Smith Prizes for Research—Languages and Literatures, H. A. Pochmann;
 Social Sciences—J. R. Steelman.
The Delta Sigma Pi Key for Scholarship—L. P. Adams.
The Lehn and Fink Medal in Pharmacy—E. G. Boysworth.
The Bradham Prize in Pharmacy—M. S. Burt.
The Algernon Sidney Sullivan Award—D. E. Hudgins, Jr.
The Mangum Medal—Norman Block.

Elected to membership in the *Phi Beta Kappa Society*, 1928: W. S. Spearman, President; H. McN. Jones, Vice-President; J. O. Allison, H. P. Bell, J. W. Blackard, E. D. Blakeney, Jr., Norman Block, M. R. Bonner, M. B. Braswell, Isaac Brock, G. K. Savenaugh, L. C. Cheek, A. S. Chrisman, T. J. Collier, A. B. Couch, Dorothy Fahs, J. W. Fathing, A. H. Galloway, Jr., C. P. Graham, R. McD. Gray, F. C. Hayes, R. H. Hayes, Louis Holland, G. C. Holroyd, D. M. Holshouser, J. W. Holt, R. P. Howell, E. C. Hunter, A. C. Jennings, Estelle Lawson, John Marshall, W. B. Massenburg, S. E. Pace, E. M. Perkins, W. B. Shuford, T. C. Smith, Jr., H. E. Spivey, J. A. Spruill, Shepperd Strudwick, Jr., L. H. Todd, J. D. Watson, J. H. Weatherly, C. B. Wood, J. W. Harris, H. A. Pochmann, Gaynell C. Spivey, R. B. Vance.

Elected to *Sigma XI*, 1928: Active: R. W. Bost; Associate: J. L. Bailey, F. M. Bell, A. T. Clifford, A. F. Daniel, O. B. Hager, L. L. Hill, Selma McC. Lee, W. M. Lofton, E. R. Mann, I. L. Martin, H. G. Pickett, W. B. Sellars.

Elected to the Order of the *Coif*: Class of 1927—W. H. Abernathy, J. L. Cantwell, Jr., S. E. Vest; Class of 1928—F. B. Gummey II, C. W. Hall, C. R. Jonas.



THE CATALOGUE OF STUDENTS

The Graduate School, 1928-1929

[Note: No distinction is made in this list between admission to the Graduate School and admission to candidacy for a degree. When no institution is mentioned from which the degree was received, the University of North Carolina is understood. The symbol "S" indicates registration for the summer quarter only.]

Abell, Sheffield Horace	Elon College
A.B., Elon College, 1925. S.	<i>Education, English</i>
Abernethy, Mary Winn	Rutherford College
A.B., North Carolina College for Women, 1920. S.	<i>English, French</i>
Abernethy, Walter Eugene	Hickory
A.B., Lenoir-Rhyne College, 1922. S.	<i>Education</i>
Achurch, Robert Waller	Charleston, S. C.
A.B., College of Charleston, 1927. S.	<i>History</i>
Aderholt, Claude Herbert	Lincolnton
A.B., Lenoir-Rhyne College, 1924. S.	<i>Education</i>
Albritton, Grady George	Knoxville, Tenn.
S.B., Louisiana State University, 1921.	<i>Chemistry, Physics</i>
S.M., <i>ibid.</i> , 1926. S.	
Alexander, Francis Marion	Matthews
A.B., Winthrop College, 1925. First year.	<i>English</i>
Allred, James Hobart	High Point
A.B., 1922. S.	<i>Spanish, French</i>
Amick, Harold Clyde	Kimesville
A.B., Elon College, 1920.	<i>Geology</i>
A.M., 1923. S.	
Anderson, Henry Oliver	Hickory
A.B., Southern Methodist University, 1910. S.	<i>Sociology, Education</i>
Anderson, Myrtle Paull (Mrs. A. A.)	Cairo, Ga.
A.B., Wesleyan College (Ga.), 1920. S.	<i>English</i>
Armbrister, Victor Stradley	Max Meadows, Va.
A.B., Emory and Henry College, 1928. S.	<i>English</i>
Armfield, Blanche Britt	Concord
A.B., North Carolina College for Women, 1927.	<i>English</i>
A.M., 1928. S.	
Arnette, Odessa	Wagram
A.B., Meredith College, 1927. S.	<i>English, History</i>
Atkinson, Minnie	Winston-Salem
A.B., Elon College, 1919. S.	<i>Education</i>
Austin, Lucy Estelle	Taylorsville
A.B., Elon College, 1924.	<i>Latin, English</i>
A.M., 1926. S.	
Bacon, Mabel Louise	Charlotte
B.S., Catawba College, 1916.	<i>Education</i>
A.M., 1921. Third year.	
Bailey, James Osler	Chapel Hill
A.B., 1924.	<i>English</i>
A.M., 1927. Third year.	
Bain, Terry Reid	Dunn
B.A., Wake Forest College, 1922. S.	<i>English</i>
Baird, Lucy Taylor	Oxford
A.B., North Carolina College for Women, 1928.	<i>English</i>
Ballenger, Stanley Thomas	Raleigh
A.B., 1925. S.	<i>Spanish, French</i>

Barden, Iva Leland	Raleigh
A.B., Trinity College (Duke University), 1909. First year.	<i>Latin, English</i>
Barker, Myron Irving	Carrollton, Ky.
A.B., Cornell University, 1923.	<i>French</i>
A.M., 1927. Fourth year.	
Barkley, Key Lee	Statesville
A.B., Berea College, 1926.	<i>Psychology, Sociology</i>
A.M., 1927. Third year.	
Barnes, Bahnson Neil	Lumberton
B.A., Wake Forest College, 1926. S.	<i>Education</i>
Barron, Davis Nye	Statesboro, Ga.
S.B., Mississippi A. and M. College, 1915.	<i>Economics, Sociology</i>
A.M., Peabody College, 1927. S.	
Baum, Alton Emmett	Fairfield
A.B., 1926. S.	<i>Education, English</i>
Baumgardner, Pearly Lorenzo	Edenton
A.B. in Educ., 1927. S.	<i>History, English</i>
Bayroff, Abram	Bayonne, N. J.
B.S., New York University, 1927. Second year.	<i>Psychology</i>
Beard, Palmer Dale	Concord
A.B., Erskine College, 1921. S.	<i>Education</i>
Bell, Leila	Dawson, Ga.
A.B., Agnes Scott College, 1927. S.	<i>French, Spanish</i>
Bell, Lorenzo James	Rockingham
A.B., 1927. Second year.	<i>German, French</i>
Bell, Martha	Dawson, Ga.
A.B., Brenau College, 1928. S.	<i>History</i>
Bennett, Thomas Benjamin, Jr.	Charleston, S. C.
B.S., The Citadel, 1928. First year.	<i>Civil Engineering</i>
Berry, Ruth Hazel	Elloree, S. C.
A.B., Winthrop College, 1924. S.	<i>Education</i>
Beust, Nora	Chapel Hill
A.B., University of Wisconsin, 1921. First year.	<i>Education</i>
Bickley, Rose Evelyn	Ehrhardt, S. C.
A.B., Lenoir-Rhyne College, 1923. S.	<i>Education, English</i>
Rinns, Missouri	Columbus, Ga.
A.B., Shorter College, 1924. S.	<i>French, English</i>
Blackwell, Reece Croxton	Jefferson, S. C.
A.B., Furman University, 1924.	<i>Mathematics</i>
A.M., 1927. Third year.	
Blair, James Seaborn	Wallace
A.B. in Educ., 1926. S.	<i>Education, Sociology</i>
Boardman, Philip Lester	New York City
A.B., Columbia University, 1927.	<i>French, Spanish</i>
A.M., <i>ibid.</i> , 1928. First year.	
Boettcher, Otto Heath	Rocky Mount
A.B., 1924. First year.	<i>Education</i>
Bolen, William Jennings	Chapel Hill
S.B. in Civ. Engg., 1928. First year.	<i>Civil Engineering</i>
Booth, Jean Patrick	Laurinburg
A.B., Davidson College, 1923. S.	<i>Education</i>
Bowie, Alexander Yancey	Birmingham, Ala.
A.B., Davidson College, 1926. S.	<i>English</i>
Bradley, Clifton James	Salem, Ky.
B.S., University of Kentucky, 1926.	<i>Economics</i>
M.S., University of Illinois, 1927. First year.	
Brake, Beulah	Rocky Mount
A.B., North Carolina College for Women, 1923. S.	<i>Education, Mathematics</i>

Brandon, William Pew	Dublin, Ga.
Ph.B., Emory University, 1922.	<i>History, Government</i>
A.M., 1925. Fourth year.	
Braun, Milton Lau	Chapel Hill
B.A., Wake Forest College, 1915.	<i>Physics, Mathematics</i>
A.M., 1924. Second year.	
Brearley, Harrington Cooper	Clemson College, S. C.
A.B., University of South Carolina, 1916.	<i>Sociology, Psychology</i>
A.M., <i>ibid.</i> , 1917. S.	
Bridges, Clem	Elm City
A.B., Atlantic Christian College, 1917. S.	<i>Mathematics, Education</i>
Brinton, Hugh Penn, Jr.	Chapel Hill
A.B., Haverford College, 1924.	<i>Sociology</i>
A.M., University of Pennsylvania, 1927. Second year.	
Britton, Meryl	Murfreesboro
A.B., Chowan College, 1926. S.	<i>English, French</i>
Broadwell, Eunice	Angier
A.B., North Carolina College for Women, 1921. S.	<i>History</i>
Brock, Benjamin Wadsworth	Creswell
B.S., Emory University, 1926. S.	<i>Education</i>
Brooks, Inez Porterfield (Mrs. J. M.)	Winston-Salem
A.B., University of Georgia, 1926. S.	<i>English</i>
Brooks, Lee Marshall	Chapel Hill
A.B., Boston University, 1925.	<i>Sociology, Psychology</i>
A.M., 1926. Fourth year.	
Brown, Grady Andrew	Hillsboro
A.B., Elon College, 1923. S.	<i>Education, History</i>
Brown, G. Ray	Gold Hill
A.B., Lenoir-Rhyne, 1926. S.	<i>Education, Mathematics</i>
Brown, Roy Melton	Chapel Hill
A.B., 1906.	<i>Sociology, Rural Social-Economics</i>
A.M., 1921. Sixth year.	
Brown, Susie Persons	West Palm Beach, Fla.
A.B., Wesleyan College (Ga.), 1914. S.	<i>French, Spanish</i>
Brunson, Alice King	Florence, S. C.
A.B., University of South Carolina, 1925. S.	<i>Sociology</i>
Bruton, Lawrence Allen	Burlington
A.B., Elon College, 1927. S.	<i>Education</i>
Bryan, Joseph Shepard	Dunn
A.B., 1915. S.	<i>Education, Sociology</i>
Bryan, William Alfred	Sumter, S. C.
A.B., College of Charleston, 1928. S.	<i>English, Education</i>
Bullock, Augustus Rufus	Salisbury
A.B., 1921. S.	<i>Education, Sociology</i>
Bullock, Roberts Cozart	Bahama
A.B., 1926.	<i>Mathematics</i>
A.M., 1928. Third year.	
Bunn, Bonnie David	Lillington
B.A., Wake Forest College, 1920. S.	<i>Education</i>
Burdine, Theodore	Whitesburg, Tenn.
A.B., Tusculum College, 1927. First year.	<i>Mathematics, Physics</i>
Bush, Grover Cleveland	Lenoir
A.B., Lenoir-Rhyne College, 1924. S.	<i>Education</i>
Bush, Laurens Earle	Chapel Hill
B.S., The Citadel, 1919.	<i>Mathematics</i>
S.M., 1926. Fourth year.	
Bush, Sarah Janis	Barnesville, Ga.
A.B., University of Georgia, 1927. S.	<i>Latin, French</i>

Butler, Allen Dexter	Liberty
A.B., 1924. S.	<i>English</i>
Butler, Elizabeth Glenn	Richmond, Va.
A.B., University of Richmond, 1925. S.	<i>English</i>
Butler, Rena Harding	Hoffman
A.B., North Carolina College for Women, 1921. S.	<i>History, English</i>
Byers, Mary Evelyn	Rock Hill, S. C.
A.B., Winthrop College, 1925. S.	<i>History, Education</i>
Byrd, Ruth Evelyn	Society Hill, S. C.
A.B., Winthrop College, 1925. S.	<i>History, Education</i>
Byrd, Ralph Milledge	Edgefield, S. C.
S.B., The Citadel, 1923.	<i>Chemistry, Physics</i>
S.M., 1925. S.	
Caldwell, James Ross	Bessemer City
A.B., Erskine College, 1925	<i>Education, Psychology</i>
Caldwell, Mrs. James Ross	Bessemer City
A.B., Due West Women's College, 1926.	<i>Education, Psychology</i>
Calvert, Catherine Louise	Jonesville, S. C.
A.B., University of Alabama, 1926. S.	<i>Education, French</i>
Cameron, Edward Alexander	Manly
A.B., 1928. First year.	<i>Mathematics</i>
Carlisle, Maston Thomas	Hartsville, S. C.
B.S., University of South Carolina, 1907.	<i>Chemistry, Physics</i>
M.S., Vanderbilt University, 1913. S.	
Carmichael, Mrs. Kate Jeffreys	Goldsboro
B.S., North Carolina College for Women, 1909. First year.	<i>English</i>
Carmichael, Peter Archibald	Anniston, Ala.
B.S., The Johns Hopkins University, 1927.	<i>Philosophy</i>
A.M., Columbia University, 1928. First year.	
Carpenter, Nora	Ansonville
A.B., 1926. Third year.	<i>French</i>
Carr, John Richard	Bakersville
A.B., Carson-Newman College, 1927. S.	<i>Education, History</i>
Carr, Mitchell	Stanley
A.B., Carson-Newman College, 1923.	<i>Education, English</i>
Carroll, Edwin Blaine	Mizpah
A.B., Guilford College, 1917. S.	<i>Education, History</i>
Carroll, John Erwin	York, S. C.
B.S., The Citadel, 1923.	<i>French, Spanish</i>
A.M., 1928. Second year.	
Carroll, Milus Hogue	York, S. C.
S.B. in Commerce to be awarded, June, 1929.	<i>French</i>
Carter, Andrew Carnegie	Asheville
B.S., Wake Forest, 1928. First year.	<i>History, Government</i>
Carter, Clyde Coss	Tazewell, Va.
A.B., Emory and Henry College, 1925.	<i>History, Government</i>
A.M., Vanderbilt University, 1928. S.	
Carver, James Edward	Louisville, Ky.
A.B., University of Richmond, 1926. S.	<i>English</i>
Cassels, Agnes Clary	Decatur, Ala.
A.B., Vanderbilt University, 1928.	<i>English, Education</i>
Cauthen, Charles Edward	College Place, S. C.
A.B., Wofford College, 1919.	<i>History, Government</i>
A.M., Columbia University, 1925. First year.	
Chadbourne, James Harmon	Wilmington
A.B., The Citadel, 1926. S.	<i>English, History</i>
Chapin, Ethel May	Lorain, Ohio
B.S., University of Chattanooga, 1925. S.	<i>Chemistry, Mathematics</i>

Chapman, Mary Honor	Peak, S. C.
A.B., Summerland College, 1926. S.	<i>English, History</i>
Cheek, John Morgan	Sparta
A.B., 1893.	<i>Philosophy</i>
A.B., Harvard University, 1895. First year.	
Cheek, Philip Macon	Inez
A.B., 1928. S.	<i>Latin, Comparative Literature</i>
Chesley, Elizabeth Estelle	Hamilton, Texas
A.B., B.S., Texas State College for Women, 1928. First year.	<i>English</i>
Childs, Mrs. Arney Robertson	Columbia, S. C.
A.B., Columbia College, 1911.	<i>Education</i>
A.M., University of South Carolina, 1925. S.	
Clegg, Agnes Marie	Greensboro
A.B., Guilford College, 1918.	<i>English</i>
A.M., 1921. S.	
Clegg, M. Catherine	Charlotte
A.B., Greensboro College, 1922.	<i>Classics</i>
Coit, Katherine	Clearwater, Fla.
A.B., University of Pittsburgh, 1926. First year.	<i>English</i>
Coker, Edward Caleb	Columbia, S. C.
B.S., University of South Carolina, 1928. First year.	<i>Mathematics</i>
Coker, Eleanor Ruth	Hartsville, S. C.
A.B., Randolph-Macon Woman's College, 1925. First year.	<i>English</i>
Coleman, Joe Walker	Ridgeway, S. C.
A.B., Furman University, 1924. S.	<i>Education</i>
Coon, Junius William	Lincolnton
A.B., Lenoir-Rhyne College, 1925. S.	<i>Education</i>
Cox, Ernest Haynes	Waynesville
A.B., Carson-Newman College, 1927. S.	<i>English, Latin</i>
Cox, Joseph John	High Point
A.B., Guilford College, 1928. First year.	<i>Commerce</i>
Cox, John William	East Spencer
B.E., North Carolina State College, 1915.	<i>Mathematics, Education</i>
C.E., <i>ibid.</i> , 1921. S.	
Creech, Walter Devereux	Goldsboro
A.B., 1928. First year.	<i>Romance Languages</i>
Crew, Elsie Mae	Pleasant Hill
A.B., North Carolina College for Women, 1927. First year.	<i>English</i>
Croxton, Edwards Caston	Heath Springs, S. C.
A.B., Furman University, 1892. S.	<i>Education</i>
Cunningham, Louise	Bishopville, S. C.
A.B., Winthrop College, 1924. S.	<i>Education, History</i>
Curlee, Arley Theodore	Polkton
A.B. in Educ., 1926.	<i>Mathematics</i>
A.M., 1927. Fourth year.	
Currie, David Allan	Fayetteville
B.S., Davidson College, 1928. S.	<i>Education</i>
Cusick, Roy Richard	Salemberg
A.B., Carson-Newman College, 1923. S.	<i>History, Education</i>
David, Paul Rembert	Charleston, S. C.
A.B., College of Charleston, 1927. S.	<i>Botany</i>
Davidson, George Channess	Roxboro
A.B., Elon College, 1904. S.	<i>Education, Sociology</i>
Davis, Christine	Columbia, S. C.
A.B., Winthrop College, 1919. S.	<i>French, English</i>
Davis, Louise	Greenwood, S. C.
A.B., Lander College, 1921. S.	<i>Education, Sociology</i>

DeJournette, Gladys Lilla	Carrollton, Ga.
A.B., Georgia State College for Women, 1927. S.	<i>English, History</i>
DeWick, Henry Nelson	West Haven, Conn.
A.B., Wesleyan University, 1927.	<i>Psychology</i>
A.M., <i>ibid.</i> , 1928. First year.	
Dean, Virginia Frances	Spruce Pine
A.B., Florida State College for Women, 1928. First year.	<i>Classics</i>
Deans, Edwina	Wilson
A.B., North Carolina College for Women, 1925. S.	<i>Education</i>
Dennis, James Levi	Newberry, S. C.
A.B., Newberry College, 1919. S.	<i>Education</i>
Denson, Charles Alexander	Tarboro
A.B., 1926. S.	<i>Mathematics</i>
Dever, Donna Marie	Lebanon, Ky.
B.S., University of Kentucky, 1926. First year.	<i>Sociology, Education</i>
Deviney, Ezda May	Julian
A.B., North Carolina College for Women, 1919. First year.	<i>Zoölogy</i>
Deyton, Jason Basil	Spruce Pine
A.B., Maryville College, 1920. S.	<i>History, Education</i>
Dickson, George Lee	Greenwood, S. C.
B.S., The Citadel, 1896. S.	<i>History</i>
Dickson, Maxcy Robson	Marion, S. C.
A.B., Wofford College, 1925. S.	<i>History</i>
Dimmick, Graham Bennett	Sanford
A.B., 1926.	<i>Psychology, Education</i>
A.M., 1927. Third year.	
Doughton, Sam B.	Sparta
A.B., University of Michigan, 1924. S.	<i>History, Government</i>
Douglass, Ruby Robinson	Lebanon, Ind.
A.B., Shorter College, 1924. First year.	<i>English</i>
Downs, John Ayman	Chapel Hill
A.B. in Educ., 1927. Second year.	<i>French, Italian</i>
Drake, William Earle	Chapel Hill
A.B., 1925.	<i>Education, English</i>
A.M., 1928. Second year.	
DuBose, Clisby Blakeney	Davidson
B.S., Davidson College, 1928. First year.	<i>English</i>
Duncan, Louise	Asheville
Ph.B., University of Chicago, 1927. S.	<i>English</i>
Duncan, Maude Helen	Asheville
A.B., 1923.	<i>French</i>
A.M., 1924. S.	
Duncan, Mrs. Winnie Leach	Chapel Hill
A.B., North Carolina College for Women, 1918.	<i>Sociology, Education</i>
A.M., Columbia University, 1924. Second year.	
Dunston, James Oliver	Newberry, S. C.
A.B., Newberry College, 1927. S.	<i>Chemistry, Geology</i>
Eaddy, Clarence Leroy	Middlesex
A.B., Wofford College, 1924. S.	<i>Education, English</i>
Early, William Jackson	Aulander
B.S., Wake Forest College, 1925. S.	<i>Education, History</i>
Eddleman, Marvin Brevard	China Grove
A.B., 1927. S.	<i>English</i>
Eddleman, Samuel McKee	China Grove
A.B., 1925. S.	<i>Sociology, Rural Social Economics</i>
Edmonds, Edna Deaton (Mrs. James)	Charlotte
A.B., Queens College, 1928. First year.	<i>Education</i>

Edwards, Aylene Elizabeth	Rutherfordton
A.B., North Carolina College for Women, 1926. S.	<i>Sociology, English</i>
Edwards, Peter Herman	Bridgeton
A.B., Trinity College (Duke University), 1922. S.	<i>Education</i>
Edwards, Sophia Ryman (Mrs. P. H.)	Bridgeton
A.B., Trinity College (Duke University), 1923.	<i>Education</i>
A.M., <i>ibid.</i> , 1928. S.	
Ellinwood, Hilda Holloman (Mrs. E. H.)	Chapel Hill
A.B., North Carolina College for Women, 1922. S.	<i>English</i>
Elliott, Henry Laurens	Winnsboro, S. C.
A.B., Davidson College, 1914. S.	<i>Education, Latin</i>
Elliott, Van Courtlandt	Keene, N. H.
A.B., Bowdoin College, 1928. First year.	<i>Classics</i>
Ellis, Joseph Curtis	Middlesex
A.B., 1927. S.	<i>Education, History</i>
Elmore, Elizabeth Bostick	Demopolis, Ala.
A.B., Judson College, 1926. Second year.	<i>English</i>
Elrod, Mildred	Monroe, Ga.
A.B., Bessie Tift College, 1926. Second year.	<i>English</i>
English, Ethel Evangeline	Mars Hill
B.S., Meredith College, 1922. S.	<i>Education, English</i>
Epps, Jennie Lee	Kingstree, S. C.
A.B., Columbia College, 1918.	<i>English, History</i>
A.M., University of South Carolina, 1925. S.	
Epting, Carl Lafayette, Jr.	Chapin, S. C.
A.B., Newberry College, 1921.	<i>History</i>
A.M., University of South Carolina, 1924. S.	
Ergle, David Ramsey	Augusta, Ga.
B.S., Clemson College, 1926.	<i>Chemistry, Physics</i>
S.M., 1928. Second year.	
Erwin, Kathleen	Newton
A.B., Greensboro College, 1925. S.	<i>English, History</i>
Farrar, Broadus Fleshman	Knoxville, Tenn.
A.B., Mercer University, 1923.	<i>English, History</i>
A.M., University of Alabama, 1925. S.	
Farrar, Elizabeth Dean	Chapel Hill
A.B., Wellesley College, 1928. First year.	<i>English</i>
Farris, Fannie Catherine	Cherryville
A.B., Lenoir-Rhyne College, 1924. S.	<i>Education, English</i>
Faulconer, Joseph Foreman	Charlotte
A.B., Lincoln Memorial University, 1927. First year.	<i>English</i>
Feltner, Charles Edwards	Berryville, Va.
B.S., Virginia Polytechnic Institute, 1928. First year.	<i>Civil Engineering</i>
Fenley, George Ward	Chapel Hill
A.B., Baylor University, 1921.	<i>French, Spanish</i>
A.M., <i>ibid.</i> , 1924. Third year.	
Fenley, Vina Mosteller (Mrs. G. W.)	Chapel Hill
A.B., Baylor University, 1924.	<i>English</i>
A.M., 1928. Third year.	
Ferguson, Sallie May	Siler City
A.B., Greensboro College, 1924. S.	<i>History, Economics</i>
Finch, Howard Montague	Merry Hill
A.B., Furman University, 1922. S.	<i>Education</i>
Finch, Lloyd George	Merry Hill
B.S., Wake Forest College, 1928. S.	<i>Education</i>
Fisher, Mary Virginia	Mt. Pleasant
A.B., Lenoir-Rhyne College, 1926. S.	<i>Mathematics, Education</i>

Fitzgerald, Margaret Wesley	Danville, Va.
A.B., 1926. Third year.	<i>Psychology, Sociology</i>
Fleming, Ruth	Altoona, Pa.
A.B., Catawba College, 1928. First year.	<i>Latin</i>
Floyd, Lorton Herbert	Brown Summit
A.B., Furman University, 1915. S.	<i>Education, Economics</i>
Fordham, Jefferson Barnes	Greensboro
A.B., 1926. Third year.	<i>History, Government</i>
Foster, Sarah Lettice	Chesnee, S. C.
A.B., Winthrop College, 1922.	<i>Latin, English</i>
A.M., Columbia University, 1925. S.	
Funderburk, Robert Steele	Great Falls, S. C.
A.B., Furman University, 1927. S.	<i>History, Government</i>
Furr, Alma	Starfield
A.B., North Carolina College for Women, 1927. S.	<i>History, Sociology</i>
Gable, Allene Mary	Centreville, S. C.
A.B., LaGrange College, 1925. S.	<i>English, French</i>
Gallent, John Bryant	Chapel Hill
B.S., Davidson College, 1925.	<i>Chemistry</i>
S.M., 1928. Second year.	
Garner, Collie	Waynesville
A.B., North Carolina College for Women, 1924. First year.	<i>English</i>
Gaskin, Grover Cleveland	Greenville, S. C.
A.B., University of South Carolina, 1916. S.	<i>Education</i>
Gause, William Edward	Nebo, S. C.
A.B., University of South Carolina, 1927. S.	<i>Education, Sociology</i>
Gay, Paul White	South Mills
A.B., Wake Forest College, 1909.	<i>History</i>
A.M., University of Virginia, 1925. S.	
Geddie, Hendrix Rone	Four Oaks
A.B., Trinity College (Duke University), 1921. S.	<i>Education</i>
Geddie, Leanna Douglas	Raeford
A.B., Greensboro College, 1926. S.	<i>Education, English</i>
Gibbons, Francis Edward	Southern Pines
Ph.B., Boston University, 1926. S.	<i>History, Education</i>
Giduz, Mrs. Hugo	Chapel Hill
A.B., Washington University, 1911. First year.	<i>Education, History</i>
Glenn, Alphonso Greer	Boone
A.B., 1925. S.	<i>Education</i>
Goode, Cecil Conway	Boiling Springs
B.A., Wake Forest College, 1923. S.	<i>Chemistry</i>
Gordner, Ida Caroline	Raleigh
A.B., North Carolina College for Women, 1919. S.	<i>Education</i>
Graham, Mae	Fayetteville
A.B., North Carolina College for Women, 1925. S.	<i>English</i>
Graves, Eleanor Howland	Geneva, N. Y.
A.B., North Carolina College for Women, 1928. First year.	<i>Economics</i>
Green, Ralph Waldo	Raleigh
B.S., Cornell University, 1914. First year.	<i>Sociology, Economics</i>
M.S., North Carolina State College, 1925.	
Gresham, Newton Ernest	Pinetops
B.A., Wake Forest College, 1920. S.	<i>Education</i>
Griffin, Mack Hall	Douglas, Ga.
A.B., University of Georgia, 1924.	<i>Latin, Greek</i>
A.M., 1926. Fourth year.	
Griffin, Turner	Pinetops
S.B. in Elec. Engg., 1928. First year.	<i>Electrical Engineering</i>

Grice, Ada Bertha	.....	Meadville, Miss.
B.S., Mississippi State Teachers College, 1922. S.		<i>English</i>
Grubbs, William McKinley	.....	Mars Hill
B.A., Wake Forest College, 1927. S.		<i>History</i>
Hall, Alton Parker	.....	Candler
A.B. in Educ. to be awarded, June, 1929.		<i>Mathematics</i>
Hall, Dan	.....	Mars Hill
A.B., 1927.		<i>Mathematics</i>
A.M., 1928. S.		
Hall, Earl Henry	.....	Greensboro
B.S., University of Chicago, 1920.		<i>Botany</i>
A.M., <i>ibid.</i> , 1921. S.		
Hamill, Ruth Estill	.....	Dallas, Texas
A.B., Southern Methodist University, 1925. First year.		<i>Psychology</i>
Hammett, Horace Greeley	.....	Clifton, S. C.
A.B., Furman University, 1926. S.		<i>English, Education</i>
Hampton, Lelia	.....	Chapel Hill
A.B., North Carolina College for Women, 1924. S.		<i>English</i>
Hamrick, Oliver Paul	.....	Boiling Springs
B.A., Wake Forest College, 1914. S.		<i>English</i>
Hardy, Martha Crumpton	.....	Belton, Texas
A.B., Baylor College, 1926. First year.		<i>English</i>
Hargett, John McKenzie	.....	Trenton
A.B., 1921. S.		<i>Education, English</i>
Harper, Elma Estelle	.....	Trenton
A.B., North Carolina College for Women, 1923. S.		<i>Spanish, French</i>
Harrison, John Baugham	.....	Rich Square
A.B. in Educ., 1928. First year.		<i>History</i>
Harshman, Weldon Varner	.....	Frederickstown, Pa.
B.S., Waynesburg College, 1928. First year.		<i>Chemistry, Geology</i>
Hart, Lorraine Page (Mrs. O. P.)	.....	Coral Gables, Fla.
A.B., Rollins College, 1924. S.		<i>English, Education</i>
Hart, Oliver Philip	.....	Coral Gables, Fla.
A.B., Davidson College, 1919.		<i>Physics, Mathematics</i>
A.M., <i>ibid.</i> , 1920. S.		
Hartsell, Earl Horace	.....	Stanfield
A.B., 1924. S.		<i>English, Education</i>
Hass, Wray	.....	Monroe
A.B., Shorter College, 1921. S.		<i>English, History</i>
Hatcher, John Thomas	.....	Four Oaks
A.B., 1914.		<i>Education</i>
A.M., 1923. S.		
Hatcher, Pearl	.....	Mt. Airy
A.B., North Carolina College for Women, 1926. S.		<i>Sociology</i>
Hawkins, James Ralph	.....	Athens, O.
A.B., Ohio University, 1923. S.		<i>Education, Sociology</i>
Haynes, Laurine	.....	Hartsville, S. C.
A.B., Coker College, 1925.		<i>Latin, French</i>
A.M., 1928. S.		
Hendricks, Katherine Neil	.....	Berea, Ky.
A.B., Berea College, 1926. First year.		<i>French, Comparative Literature</i>
Henry, Robert Gilbert	.....	Rock Hill, S. C.
A.B., Presbyterian College of South Carolina, 1925.		<i>Physics</i>
M.S., University of Kentucky, 1927. S.		
Herring, Harriet Laura	.....	Chapel Hill
A.B., Meredith College, 1913.		<i>Sociology</i>
A.M., Radcliffe College, 1918. S.		

Hicks, Ernest Henry	Pendleton, S. C.
B.S., Peabody College, 1926.	<i>Education, Psychology</i>
A.M., <i>ibid.</i> , 1927. First year.	
Hight, Margaret Ellen	Henderson
A.B., North Carolina College for Women, 1925. S.	<i>History</i>
Hill, George Henry	Glen Alpine
A.B., Lincoln Memorial University, 1924. S.	<i>Education, Sociology</i>
Hill, Joshua Wallace	Emory, Va.
A.B., Georgetown College, 1915.	<i>History</i>
A.M., University of Tennessee, 1926. First year	
Hines, Edgar Thurman	McLeansville
A.B., Elon College, 1911. S.	<i>Education, History</i>
Hobdy, Mary C.	Clanton, Ala.
A.B., University of Tennessee, 1924. S.	<i>History, French</i>
Hodgin, William Conoly	Red Springs
A.B., Davidson College, 1921. S.	<i>Education</i>
Hoffer, Frank William	Chapel Hill
Ph.B., University of Chicago, 1917.	<i>Sociology</i>
A.M., <i>ibid.</i> , 1918. Third year.	
Holder, Brantson Beeson	Pink Hill
A.B., 1915.	<i>Economics, History</i>
A.M., 1915. S.	
Holder, Edward Maxwell	Tobaccoville
A.B. Guilford College, 1925. S.	<i>History</i>
Holland, Ansel Clair	Falcon
A.B., Presbyterian College of South Carolina, 1916.	<i>Education, English</i>
A.M., 1927. S.	
Hollett, Arthur Russell	Chapel Hill
S.B. in Civil Engg., 1928. First year.	<i>Civil Engineering</i>
Holloway, Arron Clyde	Holly Springs
B.A., Wake Forest College, 1927. S.	<i>History, Education</i>
Hollowell, Minnie	Edenton
A.B., Meredith College, 1922. S.	<i>History</i>
Holmes, Ralph Wendell	Graham
A.B., 1914. S.	<i>Education</i>
Holroyd, George Clinton	Winston-Salem
S.B. in Chem., 1928. First year.	<i>Chemistry, Physics</i>
Honeycutt, Mrs. Murray Andrew	LaGrange
A.B., Guilford College, 1918.	<i>Latin, English</i>
A.M., 1927. S.	
Hook, Marshall Ward	Elon College
A.B., Elon College, 1922. S.	<i>Mathematics, Education</i>
Hoover, Albert Clay	Stanley
A.B., Lenoir-Rhyne College, 1926. S.	<i>Education, History</i>
Howell, James	Wilkesboro
A.B., Guilford College, 1925. First year.	<i>English</i>
Hoyle, Columbus Alonzo	Carrboro
A.B., 1920. S.	<i>Education, English</i>
Huckabee, Norman Minten	Camden, S. C.
A.B., University of South Carolina, 1922. S.	<i>Education, History</i>
Hudson, Homer Clarence	Greenville
A.B., Furman University, 1922. S.	<i>Education, Mathematics</i>
Hudson, Isham Barney	Lumberton
B.A., Wake Forest College, 1921. S.	<i>History, Education</i>
Huggins, Bessie Barron (Mrs. J. D.)	Boiling Springs
A.B., Due West Woman's College, 1905. S.	<i>Latin, Education</i>
Huggins, James Dwyre, Sr.	Boiling Springs
A.B., Catawba College, 1903. S.	<i>Mathematics, Education</i>

Huggins, Jesse Maynard	Timmons ville, S. C.
A.B., Wofford College, 1928. First year.	<i>German</i>
Huggins, Maloy Alton	Raleigh
B.A., Wake Forest College, 1912.	<i>Education</i>
M.A., <i>ibid.</i> , 1915. First year.	
Hughes, Arthur Edward	Chapel Hill
B.S., Carson-Newman College, 1927. First year.	Chemistry, Physics
Hunter, Charles Richards	Elizabeth town
A.B., Davidson College, 1925. S.	<i>History, Education</i>
Hunter, Elwood Cartelyou	Tobacco ville
A.B. in Educ. to be awarded, June, 1929.	<i>Education</i>
Hunter, Joseph Everett	Clemson College, S. C.
B.S., Clemson College, 1896.	<i>Mathematics</i>
Hurt, Alfred Burman	Nathans Creek
A.B., Bridgewater College, 1926. Second year.	<i>Education</i>
Hurt, Lucille	Cheraw, S. C.
A.B., Coker College, 1924. S.	<i>English</i>
Husbands, Benjamin	Chapel Hill
A.B., 1927. Second year.	<i>Economics, Government</i>
Huss, Paul Henry	Cherryville
A.B., 1925. S.	<i>Education</i>
Hutchison, Connor Rankin	Charlotte
Ph.B., Elon College, 1921. S.	<i>Education</i>
Hydrick, Wilhelmina Eugenie	Orangeburg, S. C.
A.B., Winthrop College, 1925. S.	<i>Economics, Commerce</i>
Ingram, Mitchell Ray	Ramseur
A.B., 1913.	<i>Education</i>
A.M., 1913. S.	
Irons, George Vernon	Rome, Ga.
A.B., University of Alabama, 1924.	<i>History, Education</i>
A.M., <i>ibid.</i> , 1925. S.	
Irons, Velma Wright (Mrs. G. V.)	Rome, Ga.
B.S., University of Alabama, 1925. S.	<i>English, Latin</i>
Isley, Ernest Boston	Gibsonville
A.B. in Educ., 1927. S.	<i>Sociology, Education</i>
Jarrell, Annie Lee	High Point
A.B., High Point College, 1928. S.	<i>History, Education</i>
Jay, William Mason	Elon College
A.B., Defiance College, 1911.	<i>English</i>
A.M., Ohio State University, 1916. S.	
Jenkins, Katharine Alison	Courtenay, Fla.
A.B., Converse College, 1927. First year.	<i>English</i>
Jenkins, Wade Mack	Wingate
A.B., University of South Carolina, 1921. S.	<i>Education</i>
Jennings, Augustus Campbell	Jennings
A.B. to be awarded, June, 1929.	<i>Spanish, French</i>
Jernigan, Ernest Casper	Bladenboro
A.B., 1923. S.	<i>Education</i>
Jocher, Katherine	Chapel Hill
A.B., Goucher College, 1922.	<i>Sociology, Economics</i>
A.M., University of Pennsylvania, 1923. Fifth year.	
Johnson, David Bancroft, Jr.	Rock Hill, S. C.
A.B., Wofford College, 1928. First year.	<i>English</i>
Johnson, Ferdie Talmage	White Oak
B.A., Wake Forest College, 1916. S.	<i>History, Education</i>
Johnson, Joseph Harrison	Enfield
A.B. in Educ., 1927.	<i>English</i>

Johnson, Obed Wilbur	Elon College
A.B., Elon College, 1904.	<i>Education</i>
A.M., University of Virginia, 1923. Second year.	
Jones, James Bate	Brevard
B.A., Wake Forest College, 1916. S.	<i>Education</i>
Jones, Matilda Anne	Long Beach, Miss.
A.B., University of Alabama, 1925. S.	<i>Spanish, French</i>
Jones, Morgan McCovey	Bladenboro
B.A., Wake Forest College, 1925. S.	<i>Education</i>
Jordan, Walter Edward	Raleigh
B.S., Wake Forest College, 1917.	<i>Chemistry</i>
M.S., N. C. State College, 1925. S.	
Joyner, Claude Reuben	Winston-Salem
A.B., 1920. S.	<i>Education, Mathematics</i>
Junker, Eugene Wellington	Charlotte
A.B., Lenoir-Rhyne College, 1925. S.	<i>Education</i>
Justice, Mary Fielding (Mrs. A. C.)	Chapel Hill
A.B. in Educ., 1927. First year.	<i>History</i>
Keels, Sarah Ellen	McColl, S. C.
A.B., Greensboro College, 1923. S.	<i>English, Education</i>
Kennedy, Elizabeth Cunningham	Lugoff, S. C.
A.B., Columbia College, 1924. S.	<i>Latin, English</i>
Kennedy, Wilton Craig	Gastonia
A.B., Wofford College, 1927. S.	<i>English, Education</i>
Kesler, Bernie Barton	Salisbury
A.B., 1923. S.	<i>Education</i>
Kesler, Thomas Lingle	Salisbury
S.B. in Geol. to be awarded, June, 1929. First year.	<i>Geology</i>
Kesler, William Banknight	Irma, S. C.
A.B., Newberry College, 1927. S.	<i>Education, Psychology</i>
Kinard, Francis Marion	Clemson College, S. C.
A.B., Wofford College, 1923. S.	<i>English</i>
Kiser, Alva	Bessemer City
A.B., North Carolina College for Women, 1923.	<i>Education, Mathematics</i>
Kiser, Jacob Levi	Hickory
A.B., Lenoir-Rhyne College, 1908. S.	<i>Education</i>
Kiser, Oscar Lee	Lincolnton
A.B., Lenoir-Rhyne College, 1925. S.	<i>Education, Sociology</i>
Klein, Helen Cecilia	Jackson, La.
A.B., Southwestern Louisiana Institute, 1927. S.	<i>English, History</i>
Kneece, Eunice Efafe	Bate, S. C.
A.B., Coker College, 1927. S.	<i>History</i>
Knox, William Tyndall	Metter, Ga.
A.B., Mercer University, 1910. S.	<i>Education</i>
Kunkle, Alexander Jay	Avonmore, Pa.
A.B., Thiel College, 1928. First year.	<i>English</i>
Ladu, Arthur Irish	Raleigh
A.B., Syracuse University, 1922.	<i>English, Philosophy</i>
A.M., 1927. Third year.	
Landis, Florence Pugh	Concord
A.B., North Carolina College for Women, 1909. S.	<i>English, Education</i>
Lark, Charles Thomas	Gate City, Va.
B.S., Berea College, 1917. S.	<i>Education</i>
Lawrence, Alfred Stratton	Chapel Hill
A.B., Columbia University, 1902.	<i>History, Government</i>
A.M., <i>ibid.</i> , 1905. Second year.	
Lawrence, Clayton Good	Middleton, Ga.
A.B., Wofford College, 1925. S.	<i>Education</i>

Lawrence, Mary Siléma	Woodruff, S. C.
A.B., Winthrop College, 1926. First year.	<i>Latin, English</i>
Lee, Ralph Marion	Mars Hill
B.A., Wake Forest College, 1922. S.	<i>Economics</i>
Leonard, Grady Hill	Chapel Hill
S.B. in Chem., 1923. First year.	<i>Sociology</i>
Lewis, Carey Randall	Rocky Point
B.S., Wake Forest College, 1927. S.	<i>Chemistry, Education</i>
Lindquist, Ruth	Dundee, Minn.
B.S., University of Minnesota, 1916.	<i>Sociology, Economics</i>
A.M., University of Chicago, 1922. Second year.	
Lindsey, Evans Willson	Salem, Va.
A.B., Princeton University, 1904. S.	<i>French</i>
Lineberry, Richard Arthur	Durham
B.S., Guilford College, 1920.	<i>Chemistry, Geology</i>
S.M., 1925. Fourth year.	
Linker, Robert White	Chapel Hill
A.B., 1925. Second year.	<i>French</i>
Lipscomb, Charles Thomas	Greensboro
A.B. to be awarded, June, 1929. First year.	<i>French</i>
Little, Julia Marshall	Morven
A.B., Greensboro College, 1924. S.	<i>English, Education</i>
Little, Margaret Peck (Mrs. M. G.)	Chapel Hill
A.B., Mt. Holyoke College, 1915. Second year.	<i>Education</i>
Little, Richard Franklin	Hickory
A.B., 1928. S.	<i>Education</i>
Little, Thomas Arthur	Marshville
A.B., 1923. S.	<i>History, Education</i>
Ljung, Harvey Albert	Greensboro
S.B. in Chem., 1927.	<i>Chemistry, Physics</i>
S.M., 1928. Second year.	
Long, Dorothy Elizabeth	Severn
A.B., Chowan College, 1927. S.	<i>English</i>
Long, Joseph Kindred	Seaboard
B.S., Columbia University, 1928. S.	<i>Education, History</i>
Long, William Thomas	Cornelius
A.B., Davidson College, 1924. S.	<i>Education, Psychology</i>
Looper, Thomas Lee	Gastonia
A.B., Furman University, 1922. First year.	<i>Education</i>
Lowrance, Carlos Uriah	Catawba
A.B., 1926. Second year.	<i>History, Education</i>
Lyon, Ralph Muse	Charleston, S. C.
B.S., The Citadel, 1923.	<i>Education</i>
A.M., 1925. S.	
McCain, John Walker	Waxhaw
A.B., Newberry College, 1923.	<i>English</i>
A.M., 1926. Fourth year.	
McCartha, Carl Webster	Leesville
A.B., Newberry College, 1922. S.	<i>Education</i>
McComb, William Whitener	Hickory
A.B., Davidson College, 1914. S.	<i>Education</i>
McConnell, John Paul	East Radford, Va.
A.B., Lynchburg College, 1921.	<i>Sociology, Psychology</i>
A.M., College of William and Mary, 1923. Second year.	
McCoy, Samuel Jesse	Holly Hill
A.B., Wofford College, 1925.	<i>English</i>
McCurdy, Hilda Howe	Spencer
A.B., North Carolina College for Women, 1926.	<i>Education</i>

McDaniel, Charles Yates	Durham
A.B., University of Richmond, 1927. First year.	<i>English</i>
McDaniel, Virginia Moring	Durham
A.B., University of Richmond, 1927. First year.	<i>English</i>
McDonald, Nolie Kathaleen	Candor
A.B., North Carolina College for Women, 1926. S.	<i>Sociology, Education</i>
McDuffie, Stephen Arch	Lumberton
B.A., Wake Forest College, 1927. S.	<i>Education</i>
McGirt, Roger Martin	Wilson
A.B., Davidson College, 1923. S.	<i>Education, Physics</i>
McGlamery, Winnie	Lewisburg, W. Va.
A.B., Goucher College, 1919. First year.	<i>Geology</i>
McGraw, Doris Elizabeth	Morganza, La.
A.B., Southwestern Louisiana Institute, 1928. First year.	<i>English</i>
McGregor, Clifton Hix	Laurinburg
A.B., Duke University, 1925. S.	<i>Education</i>
McIntosh, Charles Eugene	Chapel Hill
A.B., 1911. Second year.	<i>Education</i>
McIntosh, Linda Shuford (Mrs. C. E.)	Chapel Hill
B.S., North Carolina College for Women, 1909. Second year.	<i>Education</i>
McKay, Eunice Stacy	Wilson
A.B., to be awarded, June, 1929.	<i>English</i>
McKee, David Rice	Saranac Lake, N. Y.
A.B., Princeton University, 1924. First year.	<i>French, Italian</i>
McLeod, Frank Daniel	Red Springs
B.S., Davidson College, 1922. S.	<i>Education, Psychology</i>
McLeod, John Angus	Mars Hill
A.B., Furman University, 1923. S.	<i>English, Philosophy</i>
McMurray, Vadah Eva	Columbus
A.B., Elon College, 1921. S.	<i>Education, English</i>
McNeely, Lester Howard	Wendell
A.B., Trinity College (Duke University), 1919. S.	<i>Education</i>
McPherson, Elizabeth Gregory	Shiloh
A.B., 1923.	<i>History, Government</i>
A.M., 1925. S.	
McQueen, William Browne, Jr.	Raeford
A.B. to be awarded, Davidson College, June, 1929. First year.	<i>English</i>
Macon, Hershal Luther	Climax
B.S., Guilford College, 1924.	<i>Economics</i>
A.M., Haverford College, 1925. Second year.	
Madden, Thomas Patrick	Ashtabula, O.
A.B., Notre Dame University, 1927. First year.	<i>English</i>
Maddry, Charles Katharine	Raleigh
A.B., Meredith College, 1928. First year.	<i>Sociology, History</i>
Madison, Monro Bolling	Webster
A.B. in Educ., 1926. S.	<i>Education</i>
Marsh, Romulus Luther	Dublin
A.B., Emory and Henry College, 1920. S.	<i>Education, Sociology</i>
Marshall, Robert Kossouth	High Point
A.B., Guilford College, 1925.	<i>English Philosophy</i>
A.M., Haverford College, 1926. S.	
Martin, Floyd Alexander	East Bend
S.B., 1922. S.	<i>Education</i>
Martin, Irving Lee	Chapel Hill
S.B. in Geol., 1927.	<i>Geology</i>
S.M., 1928. Second year.	
Martin, Samuel Maner, Jr.	Clemson College, S. C.
B.S., Clemson College, 1922. First year.	<i>Chemistry, Physics</i>

Maston, Thomas Bufford	Seminary Hall, Texas
A.B., Carson-Newman College, 1920.	<i>Sociology</i>
A.M., Texas Christian University, 1927. S.	
Mathews, Kathleen Ellison	Clinton
A.B., Meredith College, 1922. S.	<i>History</i>
Matthews, Francis Miller	Newell
A.B., Emory and Henry College, 1924. S.	<i>Education</i>
Matthews, Kate	Wagram
A.B., Meredith College, 1918. S.	<i>English, French</i>
Matthews, Rudolph Samuel	Chapel Hill
A.B., 1925. Second year.	<i>German</i>
Matthews, Velma Dare	High Point
A.B., North Carolina College for Women, 1925.	<i>Botany</i>
A.M., 1927. Fourth year.	
Mattox, William Judson	Clinton, Miss.
A.B., Mississippi College, 1928. First year.	<i>Chemistry, Physics</i>
Mattox, William Thomas	Chapel Hill
A.B., Atlantic Christian College, 1918.	<i>Sociology, Economics</i>
A.M., Vanderbilt University, 1920. Second year.	
Mays, Luther Livingston	Knoxville, Tenn.
A.B., University of Tennessee, 1928. S.	<i>Psychology, Philosophy</i>
Meares, Kate deRosset	Ridgeway, S. C.
A.B., 1920.	<i>Latin</i>
A.M., 1926. Third year.	
Mebane, William Marion	Newton
S.B. in Chem., 1925.	<i>Chemistry, Physics</i>
S.M., 1926. Third year.	
Merritt, James Eric	Chapel Hill
A.B. in Educ., 1927. Second year.	<i>History</i>
Metz, Gustave Ernst	Dunn
B.S., Clemson College, 1927.	<i>Education</i>
A.M., 1928. Second year.	
Michael, Mattie Merle	Atlanta, Ga.
A.B., Brenau College, 1901. S.	<i>History, Sociology</i>
Miller, Olivia Isadore	Rocky Point
A.B., Salem College, 1916. S.	<i>History, Education</i>
Mills, Catherine	Charlotte
A.B., Duke University, 1928. S.	<i>French, Education</i>
Mills, Roy Edward	Polkton
A.B., 1927. S.	<i>Education</i>
Milne, David Tuttle	Salisbury
A.B., 1928. First year.	<i>Chemistry</i>
Monroe, Mary Kathryn	Hickory
A.B., Lenoir-Rhyne College, 1928. First year.	<i>English</i>
Moore, Charles Albert Petigru	Union, S. C.
A.B., 1927. First year.	<i>English</i>
Moore, John Horace	Carthage
A.B., Mississippi College, 1925. S.	<i>Education</i>
Moore, Maurice Augustus, Jr.	Union, S. C.
B.S., University of the South, 1923.	<i>English</i>
A.M., 1928. Third year.	
Morris, Joseph Edgar	Norwood
A.B., 1928. S.	<i>Physics, Education</i>
Morrison, Roy Williamson	Chapel Hill
A.B., Davidson College, 1916.	<i>Education, Psychology</i>
A.M., 1927. Fourth year.	

Morse, Mildred	Charlotte
A.B., 1923.	<i>Chemistry, Bacteriology</i>
A.M., 1924. S.	
Morton, Margaret Shannon	Clarksville, Va.
B.S., Virginia State Teachers' College, 1919.	<i>English</i>
Mourane, Joseph Harley	High Point
S.B. in Chem., 1922.	<i>Chemistry, Physics</i>
S.M., 1924. Third year.	
Moye, Elizabeth Etheridge (Mrs. M. T.)	Elm City
A.B., Atlantic Christian College, 1924.	<i>English</i>
Moye, Moses Tyson	Elm City
A.B., Atlantic Christian College, 1926.	<i>History</i>
Mulkey, Harry Butler	Greenwood, S. C.
B.S., Clemson College, 1921. S.	<i>Physics, Mathematics</i>
Murchison, Minnie	Gulf
A.B., Meredith College, 1924. S.	<i>History</i>
Murphy, Elizabeth	Salisbury
A.B., North Carolina College for Women, 1928. First year.	<i>English</i>
Naylor, Herbert Pulman	Dunn
B.A., Wake Forest College, 1923. S.	<i>Education</i>
Nims, Frederick Boyden	Mount Holly
A.B., 1917. S.	<i>Latin, Education</i>
Nims, Horace	Mount Holly
A.B., 1920. First year.	<i>Classics</i>
Noble, Verdie	Deep Run
A.B. in Educ., 1926. S.	<i>Education</i>
Noe, Thomas Pasteur, Jr.	Henderson
S.B. in Civ. Engg. to be awarded, June, 1929.	<i>Civil Engineering</i>
Norman, Grevilla Cassandra	Milaca, Minn.
A.B., Lincoln Memorial University, 1926. S.	<i>History, Sociology</i>
Norton, Robert Dill	Graves, Ga.
B.S., Emory University, 1920.	<i>Chemistry, Physics</i>
M.S., <i>ibid.</i> , 1926. Third year.	
Oakley, Annie Kate	College Park, Ga.
A.B., Atlantic Christian College, 1924. S.	<i>Education</i>
Oliver, William John	Chapel Hill
A.B. in Educ., 1928. First year.	<i>English</i>
Olsen, William Anderson	Chapel Hill
A.B., Cornell University, 1923. Fifth year.	<i>English</i>
Osborne, Annette May	Leaksville
A.B., North Carolina College for Women, 1927. Second year.	<i>English</i>
Owen, Eugene Davis	Greensboro
A.B., Cornell College, 1925. S.	<i>History, Latin</i>
Owl, Henry McClain	Cherokee
A.B., Lenoir-Rhyne College, 1928. First year.	<i>History</i>
Palmer, Maria	Ridgeway, S. C.
A.B., Winthrop College, 1926. S.	<i>English</i>
Pangle, Loula McNeer (Mrs. M. G.)	Barboursville, W. Va.
A.B., Randolph-Macon Woman's College, 1910.	<i>Mathematics</i>
A.M., Columbia University, 1915. First year.	
Pangle, Maxwell Galbraith	Barboursville, W. Va.
A.B., Emory and Henry College, 1913.	<i>Economics</i>
A.M., 1924. Third year.	
Pardue, Henry Fletcher	Wallburg
A.B., Peabody College, 1907. S.	<i>Education, Sociology</i>

Park, James Gilbert	Rockwell
A.B., Newberry College, 1923. First year.	<i>Chemistry, Physics</i>
Parker, Haywood, Jr.	Asheville
A.B. to be awarded, June 1929.	<i>Chemistry</i>
Parker, Jefferson Davis, Jr.	Sylva
A.B. in Educ., 1926. S.	<i>Education</i>
Parlett, Mathilde Mayer	Ledger
A.B., Smith College, 1913. Second year.	<i>English</i>
Paschal, Len Broughton	Siler City
B.A., Wake Forest College, 1927. S.	<i>English, Education</i>
Pattillo, Manning Mason	Chapel Hill
A.B., University of Colorado, 1927. First year.	<i>Sociology, Psychology</i>
Patrick, James Ruey	Athens, Ga.
A.B., University of Georgia	<i>Psychology, Sociology</i>
A.M., <i>ibid.</i> , 1926. S.	
Patton, James Welch	Chapel Hill
A.B., Vanderbilt University, 1924. Third year.	<i>History, Government</i>
Payne, Charlotte	Hickory
A.B., Lenoir-Rhyne College, 1926. S.	<i>Education</i>
Peele, Rennie	Clarksville, Va.
A.B., 1915.	<i>Special student</i>
Ed.M. Harvard University, 1925. S.	
Peeler, Egbert Noll	Rockwell
A.B., Heidelberg (Ohio). S.	<i>Education</i>
Peet, Telfair Boys	Chapel Hill
A.B., Columbia University, 1927. First year.	<i>English</i>
Pegg, Carl Hamilton	Guilford College
A.B. in Educ., 1927.	<i>History, Government</i>
A.M., 1927. Third year.	
Pegg, Herbert Dale	Guilford College
B.A., Wake Forest College, 1915.	<i>History, Government</i>
A.M., 1925. Third year.	
Perkins, Edwin Marvin	Brevard
A.B. to be awarded, June, 1929.	<i>Economics</i>
Phares, Lavilla	Ashtabula, O.
A.B., Ohio State University, 1920. S.	<i>English, History</i>
Penney, James Theophilus	Chapel Hill
A.B., 1921.	<i>Zoology</i>
A.M., 1925. Fourth year.	
Perkins, Aubrey Alphonso	Greensboro
S.B. in Commerce, 1928. First year.	<i>Economics</i>
Pickard, Annie Artelia	Chapel Hill
A.B., 1924. S.	<i>Education</i>
Pierce, Margaret Rountree	Weldon
A.B., Randolph-Macon Woman's College, 1923. S.	<i>Education</i>
Pinner, Charles Harlan	Wentworth
B.A., Wake Forest, 1922.	<i>Education</i>
A.M., 1927. S.	
Pollock, Philip Basil	Trenton
A.B., 1921. S.	<i>Education, French</i>
Poovey, Charles Earl	Hickory
B.A., Wake Forest College, 1927. S.	<i>Spanish, French</i>
A.M., 1928.	
Porter, Martha Henrietta	Georgetown, Tex.
A.B., Texas Christian University, 1928. First year.	<i>English</i>

Posey, James Willis	San Angelo, Tex.
A.B., University of Texas, 1923.	<i>English</i>
A.M., 1927. Third year.	
Price, Gwyn Brantley	Jefferson
A.B., Emory and Henry College, 1924. S.	<i>Education</i>
Price, Henrietta Stuckey	Bishopville, S. C.
A.B., Winthrop College, 1926. S.	<i>English</i>
Price, Mary Martha	Pineville
A.B., 1927. S.	<i>English</i>
Pruitt, Annie Beckwith	Franklinton
A.B., North Carolina College for Women, 1919.	<i>Sociology</i>
A.M., 1921. Second year.	
Puckett, John William, Jr.	Chapel Hill
A.B., Asbury College, 1927. First year.	<i>Zoölogy, Education</i>
Purser, Pliny Oscar	Monroe
B.A., Wake Forest College, 1923. S.	<i>Education</i>
Quick, Laura Manly	Rocky Mount
A.B., University of Minnesota, 1915. S.	<i>Mathematics</i>
Quinlan, Janet	Waynesville
A.B., Randolph-Macon Woman's College, 1926. First year.	<i>Sociology</i>
Radoff, Maurice Leon	Houston, Tex.
A.B., 1926.	<i>French, Spanish</i>
A.M., 1927. Third year.	
Rainey, John Faulkner	Sharon
A.B., Erskine College, 1927. S.	<i>Latin</i>
Rankin, Henry Ashby, Jr.	Fayetteville
A.B., 1922.	<i>English</i>
A.M., 1927. Second year.	
Rankin, Jessie	Charlotte
A.B., North Carolina College for Women, 1920. S.	<i>History, Education</i>
Raper, Arthur	Wilson
A.B., 1924.	<i>Sociology, Rural Social-Economics</i>
A.M., Vanderbilt University, 1925. Second year.	
Redfearn, William Alexander	Wingate
S.B. in Geol., 1921. S.	<i>Chemistry, Education</i>
Redwine, Jessie Josephine	Salisbury
A.B., North Carolina College for Women, 1923. S.	<i>Education, Sociology</i>
Reed, Mae Lilas	Arapahoe
A.B., Atlantic Christian College, 1926. S.	<i>Education</i>
Reed, Weston Cosby	Sylva
B.A., Wake Forest College, 1925. S.	<i>Education</i>
Reed, William Owen	Hendersonville
B.A., Wake Forest College, 1926. S.	<i>Education</i>
Reid, John Calvin	High Rock
A.B., 1917. S.	<i>Education</i>
Reid, Paul Apperson	Pilot Mountain
A.B. in Educ. to be awarded, June, 1929.	<i>Education, History</i>
Reinert, Fred Ira	Alburtis, Pa.
B.S., Bucknell University, 1925. S.	<i>Education, Psychology</i>
Reynolds, Joshua Paul	Guilford College
B.S., Guilford College, 1928. First year.	<i>Zoölogy</i>
Rhodes, Grey Blaisdell	Asheville
B.A., Wake Forest College, 1920. S.	<i>Education, Sociology</i>
Rhyne, Bunyan Leroy	Gastonia
A.B., Lenoir-Rhyne College, 1924. First year.	<i>Psychology, Education</i>
Richards, John Gardner	Camden
A.B., Davidson College, 1909. S.	<i>Education, Sociology</i>

Richardson, Mrs. Mary Stanton	LaGrange
A.B., Atlantic Christian College, 1924. S.	<i>Education</i>
Rick, Abbott	Jamestown, N. Y.
A.B., Syracuse University, 1923.	<i>English</i>
A.M., Princeton University, 1927. S.	
Riddle, Ruth	Laurens, S. C.
A.B., Coker College, 1923. S.	<i>English, History</i>
Riess, Mrs. Marie Ellis	Tallahassee, Fla.
A.B., Florida State College for Women, 1919. First year.	<i>English</i>
Roberts, Elizabeth Hendon	Durham
A.B., Duke University, 1926. First year.	<i>History, English</i>
Robertson, Judge Buxton	Concord
Ph.B., 1905. S.	<i>Education</i>
Rogers, Carolyn Ruth	Tampa, Fla.
A.B., Coker College, 1920. S.	<i>Mathematics, Physics</i>
A.M., 1928.	
Rogers, Elizabeth Still	Wilson
A.B., North Carolina College for Women, 1916. S.	<i>Mathematics, Education</i>
A.M., 1928.	
Rogers, George Oroon	Whiteville
A.B., 1909. S.	<i>Education</i>
Roome, Elizabeth	Tyler, W. Va.
B.S., Columbia University, 1924. First year.	<i>Education</i>
Rose, George McNeill, Jr.	Charlotte
S.B. in Elec. Engg., 1928. First year.	<i>Electrical Engineering</i>
Runnion, Helen	Marshall
A.B., Tusculum College, 1921. S.	<i>History</i>
A.M., Peabody College, 1927.	
Russell, Harry Kitsun	Lumberton
A.B., Davidson College, 1923.	<i>English, Comparative Literature</i>
A.M., 1928. Second year.	
Ryland, Robert Temple	Walkerton, Va.
B.S., University of Richmond, 1919. S.	<i>Education</i>
Salley, Colvin Wood	Tuscaloosa, Ala.
A.B., University of Alabama, 1927. First year.	<i>History, Government</i>
Salley, William Callier	Tuscaloosa, Ala.
A.B., University of Alabama, 1923. Second year.	<i>Spanish</i>
Sanders, Jephtha P.	Knoxville, Tenn.
B.S., University of Georgia, 1923.	<i>Chemistry, Physics</i>
M.S., Iowa State College, 1928. S.	
Sandlin, Bessie	Beulaville
A.B., Flora Macdonald College, 1927. First year.	<i>Physics, Education</i>
Saunders, John Alvah Lee	Charleston, S. C.
B.S., The Citadel, 1923. S.	<i>Mathematics, Physics</i>
Sawyer, John Ephraim	Chapel Hill
A.B., Guilford College, 1910. First year.	<i>Education</i>
Schaible, Valerie Maynard	Hartsville, S. C.
A.B., Coker College, 1922.	<i>Mathematics, Physics</i>
A.M., University of South Carolina, 1925. S.	
Schwenning, Carrie Heath (Mrs. G. T.)	Chapel Hill
A.B., University of Rochester, 1913.	<i>English</i>
A.M., 1927. Second year.	
Scott, William Marion	Easley, S. C.
B.S., The Citadel, 1905. S.	<i>Education</i>
Seebeck, Charles Louis, Jr.	Charleston, S. C.
A.B., College of Charleston, 1928. S.	<i>Mathematics</i>
Self, Hertford Gardner	Moncure
A.B., Elon College, 1922. S.	<i>Education</i>

- Sellman, Hunton Dade Sacramento, Cal.
B.S., Purdue University, 1922. *English*
M.S., University of Arizona. S.
- Sensabaugh, George Frank Tulsa, Okla.
A.B., Vanderbilt University, 1928. First year. *English*
- Shanks, Henry Thomas Abingdon, Va.
B.A., Wake Forest College, 1918. *History*
A.M., University of Chicago, 1923. Third year.
- Shankweiler, Paul Waller Allentown, Pa.
Ph.B. Muhlenberg College, 1919. *Sociology*
A.M., Columbia University, 1921. First year.
- Sharpe, Avon S. Beulaville
A.B. in Educ. to be awarded, June, 1929. *Sociology*
- Shaw, Chandler Ormond Beach, Fla.
A.B., Rollins College, 1918. Third year. *History*
- Shields, Archibald Kenneth Brandon, Miss.
A.B., Millsaps College, 1927. First year. *Spanish, French*
- Shine, Hill Chapel Hill
A.B., 1921. *English*
A.M., 1925. Third year.
- Shine, Lou Sullivan Chapel Hill
A.B., 1921. *English*
A.M., 1926. Fourth year.
- Simons, Manning Alexander Charleston, S. C.
A.B., Washington and Lee University, 1927. *Education, Sociology*
A.M., *ibid.*, 1928. S.
- Simpson, Fay Willoughby Blacksburg, S. C.
A.B., University of South Carolina, 1912. S. *Education*
- Singletary, Joseph Edgar Warsaw
A.B., Davidson College, 1925. S. *Education, English*
- Skaggs, Marvin Lucian Chapel Hill
A.B., University of Richmond, 1921. Third year. *History*
- Slade, James Jerry, Jr. Chapel Hill
S.B. in Civil Engg. to be awarded, June, 1929. *Mathematics*
- Slavens, Margaret Dever Jackson, O.
A.B., University of Michigan, 1925. *Geology*
A.M., 1928. Second year.
- Smart, Mary Elizabeth Concord
A.B., Queens College, 1926. First year. *Education, Psychology*
- Smiley, Thomas Bryan Chapel Hill
S.B. in Elec. Engg., 1925. *Electrical Engineering*
S.M., 1928. Fourth year.
- Smith, Eugene Rodgers China Grove
A.B., Lenoir-Rhyne College, 1923. S. *Education, History*
- Smith, Lonnie Clinton Marshville
A.B., Mercer University, 1927. S. *Education, History*
- Smith, Miriam Grey White Oak
A.B., Flora Macdonald College, 1925. S. *English*
- Smith, Samuel Denny The Hollow, Va.
A.B., Davidson College, 1912. *History, Government*
A.M., Princeton University, 1915. First year.
- Smith, John Leroy Chapel Hill
A.B., 1917. *French, Spanish*
A.M., 1924. Fifth year.
- Snyder, Evelyn Mayo Conway, S. C.
A.B., Coker College, 1928. First year. *English*
- Sparger, Collier Bryson Chapel Hill
S.B. in Commerce, 1922. S. *Commerce*
S.M., 1928.

Speers, Mary Lucile	Booneville
A.B., Meredith College, 1927. S.	<i>Mathematics</i>
Spence, Floyd Vance	Kinston
A.B. in Educ., 1928. First year.	<i>History</i>
Spiers, Harry Smith	Greensboro
A.B., Washington and Lee University, 1927. S.	<i>English, Education</i>
Spiers, Susette Taylor (Mrs. H. S.)	Greensboro
A.B., Winthrop College, 1925. S.	<i>English</i>
Spivey, Herman Everette	Clinton
A.B., 1928. First year.	<i>English</i>
Stabler, James Carlisle	History
A.B. in Educ. to be awarded, June, 1929.	<i>History</i>
Stainback, Raymond Franklin	Henderson
S.B. in Elec. Engg., 1926. First year.	<i>Electrical Engineering</i>
Starling, Robert Belvin	Hassell
A.B., Atlantic Christian College, 1927. S.	<i>English</i>
Starnes, Dewey Edward	Taylorsville
A.B., Lenoir-Rhyne College, 1925. S.	<i>Education</i>
Steele, Paul James	Lowrys, S. C.
B.S., Davidson College, 1924. First year.	<i>Physics, Mathematics</i>
Stephens, Daisy Winstead	Roxboro
A.B., North Carolina College for Women, 1924. S.	<i>English, Education</i>
Stevens, Margaret Eleanor	Winston-Salem
B.S., Salem College, 1922. S.	<i>Education</i>
Stevenson, Arthur Linwood	Stem
A.B., Randolph-Macon College, 1912.	<i>Sociology, Psychology</i>
A.M., Duke University, 1927. First year.	
Stevenson, Hazel Allison	Statesville
Ph.B. University of Chicago, 1914.	<i>English</i>
A.M., Columbia University, 1920. First year.	
Stokes, Clifton Carr	Grifton
S.B. in Geol. to be awarded, June, 1929.	<i>Geology</i>
Stone, Aubrey Louis	Salem, Va.
A.B., Roanoke College, 1917. S.	<i>History, Economics</i>
Stoudemire, Sterling Aubrey	Chapel Hill
A.B., 1923.	<i>Spanish, French</i>
A.M., 1924. Fifth year.	
Stroup, Annie Mary Foster (Mrs. T. B.)	Hendersonville
A.B., 1926. S.	<i>Latin, English</i>
Stroup, Mary Isabell	Hendersonville
A.B., Lenoir-Rhyne College, 1926. S.	<i>English</i>
Stroup, Thomas Bradley	Hendersonville
A.B., 1926.	<i>English</i>
A.M., 1927. S.	
Stroupe, Clarence Crawford	Pineville
A.B., Erskine College, 1918. S.	<i>Education, Sociology</i>
Struthers, Hester Cox	Wilmington
A.B., 1918. S.	<i>English, Education</i>
Studley, Lucy Adelaide	Rockland, Mass.
B.S., Simmons College, 1911.	<i>Education</i>
A.M., Columbia University, 1920. S.	
Sullivan, Dorothy	Anderson, S. C.
A.B., Columbia University, 1924. First year.	<i>English</i>
Sullivan, Mary Clara	Lincolnton
A.B., Lenoir-Rhyne College, 1922. S.	<i>English</i>
Sumner, Laura	Franklinville
A.B., North Carolina College for Women, 1918.	<i>English</i>
A.M., Smith College, 1924. First year.	

Tarleton, Jesse James	Hollis
B.A., Wake Forest College, 1925. S.	<i>Education</i>
Taylor, Leon Bayard	Pikeville
A.B., 1925. S.	<i>Education</i>
Taylor, Walter Fuller	Clinton, Miss.
A.B., Mississippi College, 1921.	<i>English, History</i>
A.M., University of Chicago, 1925. S.	
Teague, Mary Florence	Prentiss
A.B., Vanderbilt University, 1912. S.	<i>Sociology</i>
Thomas, Charles LaMar	Charlotte
S.B., 1928. First year.	<i>Chemistry, Physics</i>
Thomas, Mary	Catawba, S. C.
A.B., Winthrop College, 1918. S.	<i>Education, English</i>
Thompson, Miriam Aline	Gaffney, S. C.
A.B., Newcomb College, 1917. S.	<i>Mathematics, Physics</i>
Thomson, John White	Anderson, S. C.
B.S., The Citadel, 1922. S.	<i>Education</i>
Trabue, Emma Small (Mrs. M. R.)	Chapel Hill
A.B., DePauw University, 1911.	<i>English</i>
A.M., 1925. Fourth year.	
Trawick, Martin Whitford	Beuna Vista, Va.
A.B., Davidson College, 1925. Second year.	<i>Physics, Mathematics</i>
Trott, Richard	Blairsville, Pa.
A.B., Marietta College, 1926. S.	<i>Mathematics</i>
Trotter, Esta Lillian	Lykesland, S. C.
A.B., University of South Carolina, 1925. S.	<i>English</i>
Tuttle, Olin Augustus	Pineville
A.B., 1924. S.	<i>Education</i>
Underhill, Mrs. Florence Egerton	Louisburg
A.B., Trinity College (Duke University), 1903.	<i>Latin, French</i>
A.M., 1928. S.	
Utley, Robert Wade	Moncure
Ph.B., Elon College, 1925. S.	<i>Education</i>
Uzzell, William Edward	Chapel Hill
A.B., 1927. First year.	<i>History, Government</i>
Vaile, Gertrude	Denver, Colo.
A.B., Vassar College, 1900.	<i>Sociology, Rural Social-Economics</i>
Vandiver, Edward Pinckney, Jr.	Anderson, S. C.
A.B., Furman University, 1922.	<i>English</i>
A.M., 1928. Third year.	
Vann, John Daniel, Jr.	Wilmington
B.S., Wake Forest College, 1927. S.	<i>Commerce, Economics</i>
S.M., 1928.	
Veasey, Wesley Floyd	Stem
A.B., 1925. S.	<i>Education, History</i>
Voorhees, Walter Clark	Elkton, Va.
A.B., 1923. S.	<i>Education</i>
Walker, John Allen	Altamahaw
A.B., Elon College, 1927. S.	<i>Education, Mathematics</i>
Wallace, Robert Marsden	Spartanburg, S. C.
A.B., Wofford College, 1928. First year.	<i>English</i>
Walters, Charles Rufus	Charlotte
A.B., Erskine College, 1923. S.	<i>Chemistry</i>
Wannamaker, Margaret Elsie	Vance, S. C.
A.B., Newberry College, 1927. S.	<i>History</i>
Warlick, William Farel	Conover
A.B., 1927. S.	<i>Education</i>

Ward, Ethel Ruth	Raleigh, Miss.
A.B., Mississippi Woman's College, 1928. First year.	<i>Chemistry, Mathematics</i>
Ward, Rebecca	Burgaw
A.B., North Carolina College for Women, 1928. First year.	<i>Botany</i>
Warrick, Leslie Elton	Goldsboro
B.S., Guilford College, 1926. S.	<i>Chemistry</i>
Watkins, Thomas Cobb	Davidson
B.S., Davidson College, 1928. First year.	<i>Zoölogy</i>
Watters, Mary	Haynesville, La.
A.B., Ouachita College, 1917.	<i>History</i>
A.M., Baylor University, 1923. First year.	
Way, William, Jr.	Charleston, S. C.
A.B., 1927. Second year.	<i>Economics, Commerce</i>
Webster, Frank Wilkins	Cowpens, S. C.
A.B., Furman University, 1922. S.	<i>Education, Psychology</i>
Wesley, Oscar	Syracuse, N. Y.
A.B., Baldwin-Wallace College, 1913.	<i>Sociology, Education</i>
A.M., Ohio State University, 1918. S.	
Wettach, Alpha Burkart (Mrs. R. H.)	Chapel Hill
A.B., University of Pittsburgh, 1917.	<i>Psychology</i>
A.M., Columbia University, 1923. First year.	
Whitaker, Martin Dewey	Ellenboro
B.A., Wake Forest College, 1927. First year.	<i>Physics, Mathematics</i>
White, Alfred Byron	Fayetteville
A.B., 1928. First year.	<i>Spanish, French</i>
White, James Hugh	East Bend
A.B., Guilford College, 1922. S.	<i>Education</i>
White, Marion Millender	Mebane
A.B., Converse College, 1928. First year.	<i>English</i>
White, Thomas Edwards	Elon College
A.B., Elon College, 1901. S.	<i>Spanish, German</i>
Whitener, Daniel Jay	Newton
A.B., 1922.	<i>History, Government</i>
A.M., 1923. S.	
Whitesides, William Plaxco	Columbus
A.B., Newberry College, 1915. S.	<i>Education</i>
Whitfield, Jeanette Lucy	Chapel Hill
A.B., North Carolina College for Women, 1927. S.	<i>History, Education</i>
Wilhelm, Herbert Holmes	East Bend
A.B., Guilford College, 1926. S.	<i>Education, French</i>
Willard, Edward Payson, Jr.	Wilmington
A.B., 1923.	<i>Classics</i>
A.M., 1924. Fifth year.	
Williams, John Henry	Raleigh
A.B., William Jewell College, 1912.	<i>Sociology, Education</i>
M.S., N. C. State College, 1920. Second year.	
Williams, Mary Ruth	Greenville, S. C.
A.B., Lander College, 1927. First year.	<i>History, Sociology</i>
Williams, William Waldo	East Bend
B.S., Guilford College, 1928. First year.	<i>Chemistry, Physics</i>
Willifred, Robbie Earl	Fayetteville
B.A., Wake Forest College, 1925. S.	<i>Education</i>
Wilson, Ethel May	Conway, Ark.
A.B., Hendrix College, 1909.	<i>Sociology</i>
A.M., Vanderbilt University, 1911. S.	
Wilson, James Walton	Calhoun Falls, S. C.
B.S., The Citadel, 1919. S.	<i>Education</i>

Wilson, Jessie Carl	Yatesville, Ga.
A.B., Furman University, 1925. S.	<i>History, Government</i>
Wilson, Katharine Elizabeth	Acme
A.B., North Carolina College for Women, 1919.	<i>English</i>
A.M., 1924. Third year.	
Wilson, William Lester	Chapel Hill
A.B., Piedmont College, 1921.	<i>English</i>
A.M., 1928. Second year.	
Winn, Ethel Blanche	Laurens, S. C.
A.B., Winthrop College, 1916. S.	<i>Education, History</i>
Winter, Roberta Powers	Leland, Miss.
A.B., Agnes Scott College, 1927. S.	<i>English</i>
Wise, Percy	Batesburg, S. C.
A.B., University of South Carolina, 1927. S.	<i>English, French</i>
Wiseman, Sarah Virginia	Spencer
A.B., Meredith College, 1928. S.	<i>Mathematics, Education</i>
Withers, Arthur Speece	Abingdon, Va.
A.B., Emory and Henry College, 1917.	<i>English</i>
A.M., Vanderbilt University, 1922. S.	
Wolfe, John Harold	Roeback, S. C.
A.B., Wofford College, 1927. S.	<i>History</i>
Wood, Harriette	Washington, D. C.
A.B., Central Michigan Teachers' College, 1923. First year.	<i>Sociology</i>
Woodward, Reginald Vaughan	Beverly, W. Va.
A.B., Davis and Elkins College, 1927. S.	<i>Mathematics</i>
Wright, Nathaniel	Ahoskie
A.B., 1915. S.	<i>Education</i>
Wright, Thomas Ewell	Chapel Hill
A.B., 1922.	<i>French, Spanish</i>
A.M., 1926. Fourth year.	
Yarborough, Gustie Mae	Macon, Ga.
A.B., Wesleyan College (Ga.), 1928. First year.	<i>History</i>
Yoder, Edwin Moses	Hickory
A.B., Lenoir-Rhyne College, 1922. S.	<i>Education</i>
Yoder, Monroe Craig	Hickory
A.B., Lenoir-Rhyne College, 1917.	<i>Zoölogy</i>
A.M., University of Virginia, 1924. First year.	
Young, Carolina Lee	Spruce Pine
A.B., Flora Macdonald College, 1926. S.	<i>History, Education</i>
Young, Ina	Chapel Hill
A.B., Trinity College (Duke University), 1917. Third year.	<i>Sociology</i>
Young, Louise	Nashville, Tenn.
A.B., Vanderbilt University, 1912.	<i>Sociology, Rural Social-Economics</i>
A.M., University of Wisconsin, 1915. Third year.	
Young, Marvin Pleasant	Princeton
A.B., 1923. S.	<i>Sociology, Education</i>

Undergraduate and Professional Students

Abbreviations are used to indicate the course pursued by each student as follows: Arts, Bachelor of Arts; Arts-Educ., Bachelor of Arts in Education; Arts-Laws, Bachelor of Arts and Laws; Arts-Jour., Bachelor of Arts in Journalism; Arts-Music, Bachelor of Arts in Music; Sci. Chem., Bachelor of Science in Chemistry; Sci. Med., Bachelor of Science in Medicine; Sci. Phar., Bachelor of Science in Pharmacy; Sci. Geol., Bachelor of Science in Geology; Elec. Engg., Bachelor of Science in Electrical Engineering; Civ. Engg., Bachelor of Science in Civil Engineering; Mech. Engg., Bachelor of Science in Mechanical Engineering; Chem. Engg., Bachelor of Science in Chemical Engineering; Comm., Bachelor of Science in Commerce; Comm.-Laws, Bachelor of Science in Commerce and Laws; Predent., course preparing for Dentistry; Premed., course preparing for Medicine; Prelaw, course preparing for Law; Med., course in Medicine; Phar., course in Pharmacy; Pub. Wel., course in Public Welfare; Spec., special student; Law, course in Law.

The figure following each name approximates the year of that student in the course indicated.

A degree shown has been awarded by this institution unless otherwise indicated.

Aaron, Harold Isaac, Comm. 3,	Spencer
Abbott, James Carroll, Comm. 4,	Elizabeth City
Abbott, Peyton Bryant, Jr., Law 1,	Winston-Salem
Abelson, Lionel, Arts 2,	Brooklyn, N. Y.
Abelson, Stanley Bennett, Premed. 1,	Freeport, N. Y.
Abernethy, George Shuford, Civ. Engg. 1,	Hickory
Abernethy, Oren Edgar, Elec. Engg. 1,	Hickory
Abernethy, Roy Frank, Sci. Chem. 4,	Hickory
Adams, Francis Lee, Civ. Engg. 4,	Marion
Adams, Frank Marvin, Sci. Med. 2,	Dillon, S. C.
Adams, Junius Greene, Jr., Arts 4,	Asheville
Adams, Mary Elizabeth, Arts-Educ. 4,	Coleraine
Adams, Steve, Arts-Educ. 1,	Spray
Adams, Thurston Ray, Sci. Med. 2,	La Grange
Adams, William Jackson, Jr., Arts 3,	Carthage
Adams, Wilbur Royster, Phar. 3,	Angier
Aderholt, John Carroll, Arts-Educ. 1,	Gastonia
Adkins, Fenton Andrew, Arts 3,	Durham
Ainsley, Raymond Melvin, Arts-Educ. 3,	Roper
Albano, Carmen Louis, Premed. 3,	Mt. Vernon, N. Y.
Albert, Thomas, Phar. 1,	Goldsboro
Albright, Robert Mayne, Jr., Arts 2,	Raleigh
Albright, Samuel Lee, Sci. Med. 1,	Belmont
Alden, George Zachariah, Arts-Educ. 3,	Arden
Alderman, Thomas Nelson, Comm. 4,	Chapel Hill
Alexander, Allen Leander, Sci. Chem. 2,	Statesville
Alexander, Daniel Webster, Premed. 1,	Columbia
Alexander, John Johnston, Civ. Engg. 3,	Charlotte
Alexander, Joseph McKnitt, Civ. Engg. 1,	Huntersville
Alexander, James Moses, Sci. Med. 2,	Derita
Alexander, Marion Romaine, Arts 3,	Asheville
Alexander, Penelope Brown, Arts 3,	Charlotte
Alexander, Thomas Willis, Comm. 1,	Charlotte
Alford, Greene Haywood, Jr., Elec. Engg. 1,	Holly Springs
Allen, Arch Turner, Jr., Civ. Engg. 3,	Raleigh

Allen, George Calvin, Med. 1, A.B. in Educ., 1928.	Troy
Allen, Harllee Copeland, Premed. 2,	Florence, S. C.
Allen, Howard Luther, Predent. 1,	Dunn
Allen, James Bruton, Arts 4,	Troy
Allen, Lawrence Milton, Comm. 1,	Benson
Allen, Walter Daniel, Law 2, A.B., 1926.	Weldon
Allison, Harry Caldwell, Arts-Educ. 1,	Concord
Allison, John Orr, Arts Spec. A.B., 1928.	Charlotte
Alspaugh, Kermit Edison, Mech. Engg. 3,	Taylorsville
Alston, Philip King, Arts 1,	Raleigh
Altizer, Julia Wilson, Arts 3,	Huntington, W. Va.
Aman, George Washington, Arts-Educ. 2,	Jacksonville
Anderson, George Edward, Comm. 4,	Potsdam, N. Y.
Anderson, Herman Aleas, Phar. 2,	Fair Bluff
Anderson, Henry London, Arts 1,	Chapel Hill
Anderson, Jesse Graham, Arts 3,	Coraopolis
Anderson, John Huske, Law 2,	Chapel Hill
Anderson, Solomon, Comm. 1,	Rocky Mount
Anderson, William Redmond, Civ. Engg. 4,	Rocky Mount
Andrew, Clyde Monroe, Comm. 1,	Greensboro
Andrew, John Montgomery, Med. 1, B.S., Davidson Col., 1928.	Salisbury
Andrew, Lacy Allen, Jr., Med. 1,	Greensboro
Andrews, Buren Frost, Comm. 4,	Trinity
Andrews, Charles Dana, Sci. Med. 2,	Burlington
Andrews, John, Civ. Engg. 1,	Biltmore
Angel, Brent Alexander, Arts 1,	Greensboro
Anglin, James Alexandra, Comm. 2,	Burnsville
Anglin, William English, Comm. 4,	Burnsville
Appel, Louis, Sci. Med. 2,	Brooklyn, N. Y.
Arenson, Simon Weil, Sci. Phar. 2,	Baltimore, Md.
Armfield, Frank, Jr., Arts 3,	Concord
Armfield, John Wyatt, Arts 1,	Concord
Armfield, Richard Beeson, Arts 3,	High Point
Armstrong, Lee Roy Wells, Law 1, A.B., 1926.	Spencer
Arnold, Broddie Duke, Phar. 2,	Fuquay Springs
Arrington, George Proctor, Comm. 1,	Rocky Mount
Ashburn, Arthur Lee, Jr., Comm. 1,	Winston-Salem
Ashcraft, John Bulla, Comm. 2,	Monroe
Ashcraft, Lee Calvin, Jr., Predent. 1,	Washington, D. C.
Ashmore, Miriam Lorayne, Arts-Educ. 3,	Chapel Hill
Askew, David Etheldred, Arts 1,	Snow Hill
Atkins, Callis Harney, Civ. Engg. 2,	White Plains
Atkins, Oliver James, Prelaw 1,	West Asheville

Atkinson, James Oscar, Jr., Law 2, A.B., Elon College, 1925.	Elon College
Atkinson, Velmon Eston, Civ. Engg. 1,	Kenly
Atkinson, William Mayo, Jr., Civ. Engg. 1,	Wilmington
Atkinson, Walter Ray, Comm. 1,	Vista
Auman, Howard Frank, Comm. 1,	Seagrove
Austin, Casper Marion, Comm. 1,	Winston-Salem
Austin, Samuel Hunter, Comm. 1,	Rocky Mount
Avent, Raymond Richard, Arts-Educ. 1,	Bynum
Avery, Robert Hill, Premed. 1,	New Brunswick, N. J.
Avner, David Leonard, Arts 3,	California, Penna.
Aycock, Benjamin Thompson, Comm. 1,	Pantego
Aycock, Christopher Glenn, Arts-Educ. 1,	Fremont
Aycock, Edwin Burtis, Arts 3,	Fremont
Aycock, John James, Arts 1,	Fremont
Ayers, Vance Odell, Arts-Educ. 4,	Plymouth
Ayscue, Edwin Osborne, Law 2,	Monroe
Babin, Stanley Abraham, Comm. 1,	Camden, S. C.
Badger, Thomas, Jr., Sci. Med. 1,	Fayetteville
Bagby, George Lewis, Comm. 2,	Charlotte
Bagby, Glenn Worth, Preident. 1,	Kenly
Baggs, Henry McKean, Arts 2,	Washington, D. C.
Bailey, Andrew Jackson, Prelaw 2,	Elizabeth City
Bailey, Howard William, Arts 4,	Birmingham, Ala.
Baker, Merritt Clarence, Arts-Educ. 2,	Buffalo, N. Y.
Baker, Otis Wallon, Arts-Educ. 2,	Carthage
Baldwin, Daniel Willard, Civ. Engg. 1,	Whiteville
Baldwin, Hillard Poplin, Civ. Engg. 1,	Fayetteville, Tenn.
Baldwin, Thomas Roper, Arts 2,	Lilesville
Ball, Charles Lightfoot, Jr., Med. 2,	Elizabeth City
Ball, David Graham, Comm. 3,	Raleigh
Ball, James Weeks, Comm. 4,	Elizabeth City
Ballard, Ray Wolsey, Comm. 4,	Walnut
Ballenger, Alice Carol, Arts-Educ. 3,	Wellford, S. C.
Bane, Henry, Law 2, A.B., Duke Univ., 1927.	Durham
Banner, Charles Whitlock, Jr., Comm. 3,	Greensboro
Barber, Benjamin George, Jr., Arts-Jour. 1,	Asheville
Barber, Elizabeth Swann, Arts 3,	Raleigh
Barber, Mary Alice, Arts-Educ. 4,	Forest City
Barefoot, Lexie Gleen, Sci. Phar. 3,	Four Oaks
Barfield, William Claude, Arts-Educ. 1,	Clarks
Barham, Samuel A., Elec. Engg. 1,	Madison
Barker, Macklin Ludlow, Law 1,	Salisbury
Barker, Thomas Hays, Jr., Arts 2,	Leaksville
Barkley, Clarence Vernon, Jr., Comm. 1,	Salisbury
Barkley, Minor, Arts-Educ. 3,	Statesville

Barnes, Harper, Arts 1,	Lillington
Barnes, Horace Malloy, Comm. Spec.	Lumberton
Barnes, John Daniel, Comm. 1,	Wilmington
Barnes, William Jennings, Comm. 1,	Raleigh
Barnett, Alfred Haywood, Jr., Comm. 1,	Charlotte
Barnett, Howard, Arts-Educ. 1,	Huntersville
Barney, Marshall Hobart, Arts 2,	Greensboro
Barnhardt, Albert Earl, Arts 4,	Concord
Barnhardt, Charles Lewis, Arts-Educ. 3,	Oakboro
Barnhardt, James Leonard, Arts-Educ. 4,	Huntersville
Barnwell, James Alexander, Comm. Spec.	Mebane
Barnwell, Walter Clyde, Phar. 3,	Prospect Hill
Baroody, Theodore Alexander, Elec. Engg. 1,	Florence, S. C.
Barrett, John Frederick, Civ. Engg. 1,	Durham
Barrett, Sterling Archie, Premed. 2,	Fayetteville
Barringer, David Paul, Civ. Engg. 2,	Hickory
Bass, James Lloyd, Arts-Educ. 1,	Pikeville
Bass, Raymond Elmo, Sci. Chem. 3,	Black Creek
Bass, Taft Marcus, Phar. 1,	Clinton
Bateman, Stuart Johnson, Jr., Arts-Educ. 1,	Columbia
Bateman, Samuel Rogers, Arts-Educ. 1,	Columbia
Bateman, Ursula, Arts-Educ. 3,	Columbia
Battley, William Richard, Comm. 1,	Hamlet
Baucom, Clifford Randall, Arts-Educ. 2,	Marshville
Baxter, William Alonzo, Elec. Engg. 4,	Guilford College
Beacham, Grady Aulston, Arts-Educ. 1,	Kitty Hawk
Beakley, John Coleman, Arts 2,	Asheville
Beam, Benjamin Franklin, Comm. 1,	Bessemer City
Beam, Daniel James, Jr., Arts-Educ. 3,	Vale
Beam, Everett Guy, Comm. 2,	Chapel Hill
Beam, Kenneth Blake, Arts-Educ. 2,	Cherryville
Beam, Laymon, Arts-Educ. 1,	Shelby
Beaman, John William, Arts 1,	New Bern
Bell, Clay Covington, Arts 2,	Rockingham
Bell, David Wilkinson, Jr., Sci. Phar. 3,	Washington, D. C.
Bell, Kenneth Adrian, Comm. 1,	New Bern
Bell, Henderson Schroeder, Comm. 2,	Washington, D. C.
Bell, William McRae, Arts 1,	Rockingham
Belton, Ernest Cleve, Arts-Educ. 1,	Mt. Airy
Bender, John Alpheus, Med. 2,	Polloksville
S.B. in Chem., 1922; S.M., 1923.	
Bennett, William Otis, Arts 3,	Warren, Penna.
Benoit, Henry Bell, Jr., Comm. 1,	Charlotte
Benton, George Ruffin, Premed. 2,	Fremont
Benton, Mills Scott, Law 1,	Sunbury
A.B., Guilford College, 1929.	
Bernard, Gilbert Solomon, Comm. 1,	High Point

Best, Lucius Pender, Comm. 1,	Warsaw
Best, Rufus Herbert, Jr., Comm. 2,	Warsaw
Bethea, Theodore Cobb, Sci. Med. 2,	Reidsville
Betts, Robert Edward, Arts 2,	Macon
Betts, William Edward, Sci. Med. 3,	Rome, Ga.
Bevaqua, Attilio Emilio, Mech. Engg. 1,	Mt. Vernon, N. Y.
Biggs, Jarrett Haywood, Sci. Med. 1,	Wendell
Biggs, William Archibald, Jr., Sci. Chem. 2,	Rockingham
Bissell, Whitner Nutting, Arts 1,	New York, N. Y.
Bivens, Hurston Steele, Arts-Educ. 3,	Goldsboro
Black, Vance Arthur, Predent. 2,	Mt. Holly
Blackwelder, William Wayne, Arts 2,	Lenoir
Blackwood, Cosby Glenn, Comm. 2,	Winston-Salem
Blackwood, Carl Walter, Arts-Educ. 3,	Melvin Hill
Blackwood, Jacob Curtis, Arts-Educ. 3,	Melvin Hill
Blair, Stanley Redding, Comm. 2,	Trinity
Blair, William Kennett, Arts 2,	Greensboro
Blake, James Virgil, Arts-Educ. 1,	Mocksville
Blakeney, Eugene DuBose, Jr., Civ. Engg. 4,	Camden, S. C.
Blalock, Belvin Nathan, Prelaw 2,	McCullers
Bland, Charles Alberto, Jr., Arts 3,	Charlotte
Bledsoe, Lewis Taylor, Law 3,	Asheville
A.B., 1926.	
Bliss, William Merlin, Arts 1,	Orlando, Fla.
Bloom, Samuel, Law 1,	Kinston
Blumberg, Victor Hugo, Comm. 2,	Oteen
Blythe, Cloyd Eubanks, Arts-Educ. 1,	Huntersville
Boatwright, Swift Miller, Comm. 1,	Wilmington
Bobbitt, William Edgar, Civ. Engg. 3,	Rocky Mount
Boger, William Gordon, Arts 1,	Morganton
Bogoluboff, Nicholas Alexander, Comm. 4,	Samarkand, Russia
Bolen, Harry Eugene, Phar. 3,	Schoolfield, Va.
Bolton, Frederick Allen, Predent. 1,	Rich Square
Bolton, Robert Baugham, Phar. 2,	Rich Square
Bonner, Malcolm Ray, Arts-Educ. 4,	Bonnerton
Booth, James Walker, Comm. 1,	New London, Conn.
Borden, Arnold, Arts 4,	Goldsboro
Boren, Allen Cook, Arts 2,	Greensboro
Boudreau, Girard Edgar, Mech. Engg. 4,	Chapel Hill
Bourdelat, George Patterson, Comm. 2,	Wagram
Bouteiller, Griswold Ladd, Arts 3,	Middletown, Conn.
Brooks, William Francis, Comm. 1,	Walnut Cove
Bowman, Ned Ornell, Arts 4,	Berea, Ky.
Boyce, Oren Douglas, Premed. 2,	Polkton
Boyd, Charles Henry, Jr., Civ. Engg. 1,	Spray
Boyd, Julius Jackson, Arts-Educ. 2,	Waynesville
Boyette, Brandol Lee, Comm. 2,	Murfreesboro

Boynton, Woodward Leavenworth, Arts 1,	Highland Park, Ill.
Boysworth, James Thomas, Elec. Engg. 2,	Norwood
Bradham, George Washington, Arts 3,	New Bern
Brainard, Harry Gray, Comm. 3,	Spencerport, N. Y.
Branch, Clifford Callecote, Jr., Comm. 4,	Burgaw
Branch, James Arthur, Comm. Spec.	Salisbury
Branch, John Dunn, Comm. 1,	Salisbury
Brandis, Henry Parker, Jr., Law 2,	Salisbury
A.B., 1928.	
Brandon, Herbert Hager, Comm. 1,	Dublin, Ga.
Brandt, John, Arts-Laws 3,	Chapel Hill
Brannon, Luther Marion, Arts-Educ. 2,	Landrum, S. C.
Braswell, Justin Roosevelt, Arts-Educ. 3,	Unionville
Braswell, Marcus Battle, Arts 4,	Whitakers
Braswell, Robert Russell, Law 1,	Rocky Mount
A.B., 1926.	
Braswell, Theodore Gray, Phar. 1,	Castalia
Braswell, William Thomas, Jr., Arts 2,	Whitakers
Braune, Anna, Special,	Chapel Hill
Brawley, Daniel Johnson, Sci. Chem. 3,	Statesville
Brawley, Reid McNeely, Arts-Laws 1,	Statesville
Brawley, Robert Vance, Jr., Arts 2,	Salisbury
Breen, Samuel Jefferson, Arts 1,	Rocky Mount
Breit, Stanley Irving, Arts-Educ. 3,	Brooklyn, N. Y.
Breman, Mortimer William, Comm. 4,	Asheville
Bremer, Theodore Walter, Arts-Laws 1,	Wilmington
Brewer, Joseph Jackson, Comm. Spec.	Charlotte
Brick, Sidney, Comm. 3,	Dillon, S. C.
Brickhouse, Frank Robert, Sci. Phar. 1,	Creswell
Brickman, Frederick Maitland, Jr., Comm. 2,	Georgetown, S. C.
Bridgers, William Ashly, Arts 1,	Wilson
Bridges, Milan, Arts-Educ. 1,	Shelby
Briggs, Vernon Lewis, Arts 1,	Middletown, Conn.
Briles, Clyde Wallace, Comm. 3,	High Point
Brisson, Curtis, Arts-Educ. 2,	St. Pauls
Brisson, Joseph Herman, Arts-Educ. 3,	St. Pauls
Britt, William Hall, Arts-Educ. 2,	Bentonville
Broadus, Margaret Carlisle, Arts 4,	Decatur, Ala.
Brock, Isaac, Arts-Educ. 4,	Weaverville
Brock, John Milton, Sci. Med. 1,	Rocky Mount
Brod, Jack Leonard, Arts 1,	Philadelphia, Penna.
Brodie, Benjamin Thorp, Arts 2,	Henderson
Brooker, Lofton Plunkett, Comm. 1,	Asheville
Brooks, Claggett McLane, Phar. 1,	Monroe
Brooks, Frederick Philips, Med. 1,	Chapel Hill
S.B. in Chem., 1921; S.M., 1922; Ph.D., 1926.	
Brooks, Hayes Allen, Comm. 2,	Falcon

Brooks, Jack J. Booth, Arts-Educ. 1,	Asheville
Browder, Nathaniel Clemroy, Arts-Educ. 3,	Hickory
Brown, Albert Clifton, Jr., Comm. 1,	Kinston
Brown, Albert Curtis, Civ. Engg. 1,	Concord
Brown, Bonnie Curlee, Phar. 2,	Elkin
Brown, Bertram Hoole, Arts 3,	Tarboro
Brown Charles, Jr., Arts-Educ. 4,	Charleston, S. C.
Brown, Carl Barrie, Sci. Geol. 3,	Salisbury
Brown, Eugene Field, Comm. 2,	Hillsboro
Brown, Glenn Clifford, Arts 1,	Gold Hill
Brown, Henry, Comm. 1,	Charleston, S. C.
Brown, Hubert Emery, Comm. 1,	Chadbourn
Brown, Henry Nicholas, III, Arts-Educ. 4,	Chapel Hill
Brown, Jonathan, Arts-Educ. 2,	Hope Mills
Brown, Jack Henry, Law 1,	Asheville
Brown, John Leonard, Jr., Civ. Engg. 2,	Concord
Brown, Landis Gold, Med. 1,	Selma
Brown, Royall Randolph, Comm. 1,	Blacksburg, Va.
Brown, Theron Renfry, Arts 1,	Greensboro
Brown, Travis Taylor, Arts-Laws 3,	Charlotte
Brown, Wade Gillies, Arts 1,	Flushing, N. Y.
Brown, William Howard, Arts 3,	Greenville
Browne, Herbert Thompson, Sci. Med. 2,	Nashville, Tenn.
Browning, David Benjamin, Phar. 3,	Rocky Mount
Brunjes, John Henry, Arts 3,	Wilmington
Bryan, Leon, Premed. 2,	Conway, S. C.
Bryan, Norwood Eason, Arts-Educ. 1,	Newton Grove
Bryan, Norman Luther, Jr., Civ. Engg. 2,	Winter Park, Fla.
Bryan, William Dempsey, Jr., Elec. Engg. 1,	Tarboro
Bryant, Earle Osgood, Chem. Engg. 1,	Clinton
Bryson, James Davis, Comm. 2,	Cullowhee
Bryson, Moore, Law 1,	Asheville
Buchan, George Thomas, Comm. 1,	Henderson
Buchanan, Ralph, Comm. 1,	Sylva
Buck, Harold Tilton, Comm. 4,	Charlotte
Buford, Gaston Reedy, Arts 4,	Franklin, Tenn.
Bullard, Cecil Fisher, Mech. Engg. 2,	Fayetteville
Bulluck, John David, Jr., Arts 4,	Rocky Mount
Bunch, Frederick Brenning, Comm. 2,	Statesville
Bunker, Dennis Nathan, Civ. Engg. 2,	White Plains
Bunn, James Pettigrew, Jr., Sci. Med. 1,	Battleboro
Bunting, James Alvin, Comm. 3,	Bethel
Burch, Lacy David, Arts-Educ. 1,	Chapel Hill
Burgess, Roy Marshall, Arts-Educ. 1,	Taylorsville
Burgess, William Randolph, Arts-Educ. 2,	Riddle
Burke, Edward Egerton, Sci. Geol. 1,	Troy, N. Y.

Burke, William Levi, Comm. 2,	Burlington
Burnett, Robert Trafford, Chem. Engg. 1,	Tryon
Burnett, William Clingan, Elec. Engg. 3,	Tryon
Burnette, George Thomas, Jr., Comm. 1,	Rocky Mount
Burns, Charles May, Comm. 4,	Wadesboro
Burns, Joseph Robert, Jr., Arts 2,	Fairmont
Burt, Edward Ramsaye, Arts 4,	Biscoe
Burt, James Adam, Arts 2,	Biscoe
Burwell, Richard Gregory, Arts 1,	Stovall
Butler, Allie Leon, Arts-Educ. 2,	Glen Alpine
Butler, Charles Ayden, Sci. Med. 1,	Glen Alpine
Butler, Carmen Malet, Civ. Engg. 2,	Roseboro
Butler, Edwin Eliotte, Arts 3,	Clinton
Butler, James Edward, Law 2,	Glen Alpine
Butler, Paul Caraway, Arts 1,	Liberty
Byerly, Frederick Lee, Law 1,	Cooleemee
S.B. in Comm., 1928.	
Byerly, Robert Terrell, Precent. 3,	Cooleemee
Byrd, Lynward Murray, Sci. Geol. 2,	Darlington, S. C.
Byrd, Luther Nicholson, Arts Spec.	Mt. Airy
A.B. in Educ., 1928.	
Byrer, John Griffin, Arts-Jour. 1,	Martinsburg, W. Va.
Cadmus, Richard Carroll, Elec. Engg. 2,	Baltimore, Md.
Cahoon, Edward Purnell, Jr., Phar. 2,	Columbia
Calhoun, Charles Dobyns, Arts 3,	Winston-Salem
Calhoun, Newton Sudderth, Jr., Comm. 3,	Winston-Salem
Califf, Charlotte Josephine, Arts 3,	Louisville, Ky.
Campbell, Roy Hill, Comm. 1,	Parkton
Campbell, Thomas Judd, Comm. 1,	Lake Wales, Fla.
Campbell, William Joseph, Comm. 1,	Fayetteville
Cannon, Robert Laurence, Comm. 1,	Ayden
Caraway, George Dewey, Arts 2,	Snow Hill
Carbine, William Lucius, Jr., Comm. 2,	Charlotte
Carlisle, Frank Mehegan, Jr., Elec. Engg. 2,	Tarboro
Carlisle, William Lytch, Comm. 2,	Bennettsville, S. C.
Carlton, Margaret Hines, Arts 4,	Roxboro
Carmichael, Dougald Malcolm, Arts-Educ. 1,	Rocky Mount
Carpenter, Charles Carroll, Arts-Educ. 3,	Crouse
Carpenter, Charles David, Phar. 1,	Cliffside
Carpenter, Joseph Andrew, Arts 2,	Gastonia
Carpenter, Joseph Henry, Comm. 1,	Covington, Va.
Carpenter, Mary Louise, Arts 3,	Dallas, Texas
Carpenter, Oscar Benjamin, Law 1,	Kings Mountain
Carpenter, Stanley Manning, Comm. 4,	Durham
Carr, Alpheus Branch, Comm. 1,	Wilson
Carr, Charles Albert, Comm. 4,	Norfolk, Va.
Carr, Dewitt Jernigan, Comm.-Laws 2,	Teachey

- Carr, Frederick Louis, Jr., Arts 3,
 Carr, Gabriel Paul, Arts-Laws 3,
 Carr, William Bryant, Arts-Educ. 4,
 Carr, William Gray, Jr., Comm. 3,
 Carrington, Thomas Watkins, Arts 3,
 Carroll, Amick Lewis, Arts-Educ. 3,
 Carroll, Milus Hogue, Comm. 4,
 Carroll, William Wright, Phar. 2,
 Carter, Daniel Weamer, Arts-Educ. 2,
 Carter, Marvin Stewart, Civ. Engg. 3,
 Carter, Sanford Hamilton, Arts-Educ. 1,
 Carver, Flemiel Oscar, Jr., Arts 1,
 Case, Wallace Talmadge, Comm. 1,
 Cashwell, Roy Lee, Med. 2,
 Casper, James Monroe, Jr., Sci. Med. 1,
 Cassidy, Raymond Ira, Comm. 1,
 Cates, Coleman Clarence, Arts 3,
 Cathey, George, Arts-Educ. 4,
 Caton, Hiram Pendelton, Jr., Prelaw 2,
 Cavanaugh, Colon Davey, Premed. 1,
 Caveness, William Fields, Arts 4,
 Chaconas, Thomas James, Arts 2,
 Chadbourn, James Harman, Law 1,
 A.B., The Citadel, 1926.
 Chadwick, Donald Gray, Arts-Educ. 4,
 Chamberlain, Frank Hart, Jr., Sci. Med. 1,
 Chamberlain, Olivia Hart, Arts 3,
 Chamberlain, Richard Mitchell, Arts-Laws 1,
 Chambers, Elliott Jerome, Jr., Comm. 2,
 Chamblee, Donald Polen, Phar. 3,
 Chambliss, Hardee, Jr., Arts-Educ. 4,
 Champion, Flay Oren, Premed. 1,
 Chandler, William James, Comm. 3,
 Chaoush, Eugene Gabriel, Arts 1,
 Chapman, William Henry, Premed. 1,
 Charles, Harry Bessent, Arts 1,
 Chatham, Charles Gwyn, Arts 2,
 Cheatham, George Kittrell, Comm. 4,
 Cheatham, Robert Hunter, Arts 3,
 Cheatham, William Churchill, Comm. 3,
 Cheek, Leon Clarence, Arts 4,
 Cheek, Nelle Rives, Arts-Educ. 3,
 Cheek, Ralph Albright, Arts-Educ. 1,
 Cheek, Ralph Bryant, Arts-Educ. 1,
 Cheek, Samuel, Arts 1,
 Cherry, Joseph Osear, Sci. Chem. 1,
 Chesnutt, James Alfred, Jr., Arts-Educ. 1,
 Wilson
 Teachey
 Hillsboro
 Wilson
 Nelson, Va.
 Pittsboro
 York, S. C.
 Cooper
 Pitman, N. J.
 Albemarle
 Spray
 Roxboro
 Southern Pines
 Hope Mills
 Salisbury
 Fort Bragg
 Burlington
 Candler
 Concord
 Jacksonville
 Raleigh
 Washington, D. C.
 Wilmington
 Straits
 Lincolnton
 Lincolnton
 Winston-Salem
 Fairmont
 Zebulon
 Washington, D. C.
 Lawndale
 Winston-Salem
 St. Augustine, Fla.
 Philadelphia, Penna.
 Grifton
 Elkin
 Henderson
 Durham
 Henderson
 Chapel Hill
 Chapel Hill
 Mebane
 Sparta
 Goldston
 Lexington
 Turkey

Chetty, Robert Biggers, Comm. 1,	Lexington
Choate, Hugh Harry, Sci. Med. 2,	Sparta
Choate, Page, Elec. Engg. 2,	Salisbury
Chrisco, Howard Fentress, Chem. Engg. 2,	Badin
Church, Tam Welborn, Comm. 4,	Wilkesboro
Clapp, Hubert Lee, Med. 1,	Swannanoa
Clark, Rance Edward, Phar. 2,	Pinetops
Clark, Stuart Lee, Comm. 1,	High Point
Clark, Willard Jack, Comm. 1,	Siler City
Clary, James Edward, Comm. 1,	Gastonia
Clary, Morris Shaw, Arts-Educ. 1,	Rosemary
Clary, William Claiborne, Jr., Comm. 4,	Harlem, Ga.
Cleland, Thomas Montgomery, Arts 2,	New York, N. Y.
Clements, James Barrett, Jr., Arts 2,	Greensboro
Clifton, Deems Hardy, Comm. 1,	Faison
Clinard, John Wilson, Jr., Comm. 1,	High Point
Clodfelter, Clarence Lee, Phar. 1,	Thomasville
Cloninger, Kenneth Lee, Med. 2,	Claremont
Clontz, Thomas Nelson, Premed. 1,	Morganton
Coats, George Herman, Jr., Elec. Engg. 1,	Clayton
Cobb, Jacob Ernest, Arts-Educ. 4,	Columbus
Coble, James Clifford, Phar. 1,	Snow Camp
Coburn, Rufus Theodore, Jr., Prelaw 1,	Raleigh
Cochrane, Graham Clark, Comm. 1,	Greensboro
Coffey, Christine LeRoy, Arts 3,	Lewisburg, Tenn.
Coffield, Benjamin Davis, Sci. Med. 2,	Columbia
Cogdell, David Melvin, Med. 1,	Elcase
Cohen, Gabriel Murrel, Arts 3,	Louisville, Ky.
Cohen, Jerome Jacob, Arts 3,	Henderson
Cohen, Milton, Comm. 3,	Flushing, N. Y.
Cohen, Raymond, Comm. 1,	Henderson
Cohen, Solomon Paul, Premed. 1,	Wechawken, N. J.
Coker, Robert Ervin, Jr., Arts 1,	Chapel Hill
Colburn, Burnham Standish, Jr., Civ. Engg. 4,	Biltmore
Cole, Frank Adrian, Jr., Arts 1,	Weldon
Cole, George Frederic, Arts-Educ. 3,	Southern Pines
Coleman, William Robert, Jr., Comm. 2,	Raleigh
Coley, Cheatham Garth, Arts 3,	Raleigh
Coley, James Laurence, Comm. 2,	Wilmington
Colley, Elizabeth Stiles, Arts-Educ. 3,	Bloomsburg, Penna.
Collier, Theodore Joseph, Arts-Educ. 4,	Pikeville
Collins, Edison Elisha, Law 1,	Waxhaw
Collins, James Sidney, Arts 3,	Angier
Collins, Ralph Stokes, Arts 3,	Ayden
Coltrane, Raymond Field, Comm. 4,	Guilford College
Colwell, Harry Carroll, Comm. 4,	Burgaw

Conley, George Leslie, Comm. 3,	Marion
Connally, Walter Eugene, Jr., Arts 1,	Leasburg
Connell, James Blardsley, Phar. 3,	Warren Plains
Connolly, John Calhoun, Sci. Med. 1,	Taylorsville
Conrad, Edward Victor, Arts 1,	West Orange, N. J.
Constantine, Cunningham Wilson, Arts 2,	Birmingham, Ala.
Cook, Joel Lawrence, Comm. 1,	Hope Mills
Cook, Olan Victor, Arts-Educ. 4,	Lenoir
Cook, Roy Wimberly, Civ. Engg. 2,	Atlanta, Ga.
Cooke, Charles Mather, Jr., Elec. Engg. 1,	Florence, S. C.
Cooke, Donald Parkhurst, Comm. 1,	Gardiner, Maine
Cooke, Quinton Edwin, Sci. Med. 1,	Rich Square
Cooper, John Philip, Comm. 1,	Raleigh
Cooper, Williams, Comm. 2,	Oxford
Coppersmith, Elisha, Comm. 3,	Elizabeth City
Cordle, Vernon Thomas, Arts-Educ. 1,	Seaboard
Corning, Robert Crump, Prelaw 2,	Hamlet
Cornwall, Charles Castner, Mech. Engg. 1,	Winston-Salem
Cornwell, George Thomas, Arts-Educ. 2,	Lawndale
Couch, Adrian Booker, Arts 4,	Chapel Hill
Couch, Georgia Anna, Arts 4,	Chapel Hill
Coursey, Jack Barrow, Comm. 2,	Southern Pines
Covington, Augustus McAllister, Law 2,	Linden
Covington, Harry Ross, Comm. 2,	Fort Eustis, Va.
Covington, Robert Capel, Comm. 1,	Wadesboro
Coward, Evelyn Royall, Arts-Educ. 3,	Cullowhee
Cowper, Albert Wallace, Arts 1,	Kinston
Cowper, George Vernon, Jr., Law 1,	Kinston
Cowper, Marion Rountree, Civ. Engg. 2,	Kinston
Cowper, Roscoe Bennett Gray, Med. 1,	Raleigh
Cox, Carolyn Clarice, Phar. 2,	Enneds Ferry
Cox, Howard Enoch, Arts 4,	Chapel Hill
Coxe, Thomas Chatterton, Jr., Comm. 4,	Wadesboro
Cozart, Sydnor Moye, Comm. 1,	Wilson
Craig, David Jenkins, Jr., Arts 3,	Statesville
Craig, James Caskey, Arts 1,	Waxhaw
Craig, John Thomas, Arts 2,	Statesville
Craig, Roy Palmer, Phar. 1,	Stanley
Crane, Frank Lathan, Arts-Educ. 2,	Waxhaw
Craven, Claude Jackson, Arts-Educ. 2,	Charlotte
Crawford, Charles Mason, Jr., Arts 4,	Chapel Hill
Crawford, Ernest Norwood, Arts 1,	Pikeville
Crawford, Stranleigh Beverley, Sci. Med. 3,	Cornelia, Ga.
Crawford, William Chapman, Arts 1,	Salisbury
Crawford, Walter Scott, Jr., Elec. Engg. 2,	Mebane
Crawley, George Edward, Arts-Educ. 3,	Essex

Credle, Burnice Leon, Comm. 2,	Swan Quarter
Crew, James Winfield, Jr., Law 2,	Pleasant Hill
A.B., 1928.	
Crew, Robert Earl, Arts-Educ. 2,	Portsmouth, Va.
Crew, Stanley Ellis, Arts 2,	Pleasant Hill
Cromartie, Robert Samuel, Jr., Sci. Med. 3,	Elizabethtown
Crook, Vernon Baldwin, Arts 1,	Concord
Croom, John Harold, Sci. Med. 2,	Fayetteville
Croom, Thomas Green, Civ. Engg. 4,	Asheville
Cross, Eugene, Jr., Arts 1,	Marion
Cross, Patrick Henry, Elec. Engg. 1,	Drum Hill
Cross, Simeon Roane, Comm. 4,	Marion
Crouch, Walter Monroe, Comm. 1,	High Point
Crouch, William Stanford, Arts-Educ. 2,	Spray
Crowell, Ernest Glenn, Arts-Educ. 4,	Concord
Crowell, John Eugene, Elec. Engg. 1,	Thomasville
Crowson, Thomas Walter, Jr., Sci. Med. 3,	Fayetteville
Crumpler, Junius Allen, Law 2,	Roseboro
Crutchfield, Colbert Frederick, Arts-Educ. 2,	North Wilkesboro
Crutchfield, William Thomas, Arts-Educ. 1,	Burgaw
Culbertson, Charles Owen, Arts 3,	West Lafayette, Ind.
Culbreth, Graham McKenzie, Sci. Phar. 2,	Raeford
Culbreth, Walter Hartwell, Arts-Educ. 2,	Raeford
Culton, James Tyra, Comm. 2,	Saluda
Cummings, Carey Van, Arts 4,	High Point
Curlee, Edmund Lane, Law 1,	Burlington
Currie, Anne Kelso, Arts-Educ. 3,	Fayetteville
Curry, Sydney McLean, Arts-Educ. 3,	Raleigh
Curtis, Jay Leumas, Arts-Educ. 3,	Patterson
Curtis, Tyson Alexander, Phar. 3,	McBee, S. C.
Curtis, William Rodolph, Arts-Educ. 3,	Franklinville
Daddone, Oldwen, Predent. 1,	New Rochelle, N. Y.
Daley, Walter Alexander, Arts 2,	Orlando, Fla.
Dalton, Bennie Booker, Med. 1,	Red Springs
A.B., 1924.	
Dalton, Charles Claxton, Arts-Educ. 3,	Forest City
Dalton, David Joseph, Mech. Engg. 2,	Red Springs
Dalton, Lacy Augusta, Arts 1,	Red Springs
Dameron, Emerson Penn, Arts 2,	Clinton
Daniel, Adrian Nathan, Jr., Civ. Engg. 1,	Wilson
Daniel, Armand Turner, Law 2,	Mocksville
Daniel, Irene Butler, Arts 4,	Chapel Hill
Daniel, John Wilson, Jr., Comm. 1,	Charlotte
Dannenbaum, George, Comm. 1,	Wilmington
Dannenbaum, Robert Samuel, Elec. Engg. 1,	Wilmington
Darden, Benjamin Andrew, Arts-Educ. 3,	Fayetteville
Daughtridge, Giffin Caswell, Med. 2,	Rocky Mount

Daughtridge, Howard Randolph, Comm. 1,	Rocky Mount
Daughtridge, Ulyss, Arts-Laws 1,	Rocky Mount
Daughtry, Benjamin James, Jr., Arts-Educ. 1,	Faison
Davis, Alexander, Comm. Spec.	Seaboard
Davis, Abram Maxwell, Arts-Educ. 3,	Chapel Hill
Davis, Benson Willis, Arts-Educ. 3,	Black Mountain
Davis, Clarence, Arts-Educ. 2,	Waxhaw
Davis, Cyrus Robert, Civ. Engg. 3,	Fulton, N. Y.
Davis, Elmer Robert, Elec. Engg. 3,	Southern Pines
Davis, Gilbert Bruce, Med. 2,	Fairmont
Davis, Gus Obie, Sci. Med. 2,	Omaha, Texas
Davis, George Thomas, Arts 4,	Lake Landing
Davis, Jefferson, Sci. Med. 2,	Waxhaw
Davis, Julia Cornog, Pub. Wel. Spec.	Chapel Hill
Davis, Joseph Holmes, Jr., Arts 1,	Wilmington
Davis, Ralph Earl, Arts-Educ. 4,	Burlington
Davis, Roland Lucius, Jr., Arts 4,	Cortland, N. Y.
Davis, Ralph Watson, Arts-Educ. 2,	Harmony
Davis, Thomas Pittman, Comm. 1,	Roanoke, Va.
Davis, Wade Hampton, Predent. 1,	Cove City
Davis, William Harris, Jr., Premed. 1,	Asheville
Davis, William Henry, Arts-Educ. 4,	Bullock
Dawson, James Baxter, Jr., Arts 2,	New Bern
Dawson, James Nelson, Med. 1,	Kinston
Dawson, Philip Francis, Arts 4,	Charlotte
Dayvault, Frank Wilson, Phar. 3,	China Grove
DeLancey, William Doyle, Comm. 4,	Reidsville
DeMent, McKay Mellington, Arts-Educ. 1,	Salisbury
deRosset, Louis Henry, Comm. 3,	Wilmington
DeVane, James Stuart, Arts-Educ. 1,	Elizabethtown
DeWolfe, Daniel Charles, Jr., Arts 3,	Bridgeport, Conn.
Deaton, Rufus Lee, Jr., Arts 1,	Raleigh
Deese, Emerson Bernard, Arts-Educ. 3,	Monroe
Deese, Gaston Lee, Arts-Educ. 2,	Monroe
Deese, Robert Clinton, Phar. 1,	Lumberton
Dellinger, Frank Roosevelt, Arts-Educ. 3,	Altamont
Dellinger, Harold Gray, Arts-Educ. 3,	Stony Point
Dellinger, Henry McLurd, Phar. 1,	Stanley
Denning, Elbert Hubbard, Arts-Jour. 3,	Albemarle
Denning, John Roosevelt, Arts 1,	Bentonville
Dent, Suzanne Tarplay, Arts 3,	Lockhart, S. C.
Devereux, James Isham, Arts 1,	Charlotte
Deviney, J. Norman, Comm. 2,	Greensboro
Dewar, Thomas Neil, Comm. 1,	Fuquay Springs
Dewey, Robert Foster, Arts 2,	Chicago, Ill.
Dick, Alexander Colclough, Med. 2,	Chapel Hill

- Dick, Frederick Williamson, Arts Spec.
 Dickie, Canfield Smith, Civ. Engg. 2,
 Dickson, Glenn Simmons, Preident 2,
 Dietz, Henry Washington, Med. 2,
 A.B., Lenoir-Rhyne Col., 1925.
 Dillehay, Harold Judson, Sci. Med. 1,
 Dillehay, J. T., Phar. 3,
 Dirnberger, Mary Catherine, Arts 4,
 Dixon, Max Rupert, Arts-Educ. 3,
 Dobbs, Melvin Edgar, Preident. 1,
 Dockery, Nicholas West, Sci. Chem. 2,
 Dodson, William Ira, Arts-Educ. 1,
 Doduck, Isadore Frederick, Arts 2,
 Doggett, Felix Gladstone, Civ. Engg. 3,
 Doggett, James Anderson, Comm. 4,
 Donnahoe, Mark Earle, Law 2,
 Donnelly, Grant Lester, Arts-Educ. 4,
 Donnelly, Paul William, Arts-Educ. 3,
 Dorr, Birdie Louise, Arts Spec.
 Dortch, Gavin, Jr., Comm. 2,
 Dortch, Helen, Arts 4,
 Dougherty, John Henry, Arts 3,
 Doughtie, Jerry Whitsett, Civ. Engg. 2,
 Doughton, James Emmett, Premed. 1,
 Douglas, Thomas Basil, Sci. Chem. 2,
 Douglass, Andrew Ellicott, Comm. 1,
 Downing, Carl Duncan, Arts 1,
 Drake, Frederick Brown, Comm. 3,
 Drake, Francis Elmer, Elec. Engg. 3,
 Draper, William Franklin, Arts 1,
 Dratler, Joseph Jay, Arts 1,
 Dressler, Oscar Welborn, Comm. 1,
 Dry, William Henry, Comm. 3,
 Drye, Charles Mac, Chem. Engg. 1,
 Duckett, Elbert Cephas, Arts-Educ. 3,
 Duffy, Charles Chapman, Arts 2,
 Duffy, Rodolph, Law 1,
 Dula, Frederick Mast, Med. 1,
 A.B., 1922; A.M., 1923.
 Duls, James Moore, Elec. Engg. 1,
 Dunavant, Samuel Jackson, Civ. Engg. 1,
 Duncan, Owen Edgar, Comm. 1,
 Duncan, Russell William, Arts-Educ. 1,
 Dungan, J. Elwin, Arts 1,
 Dunlap, Francis Biles, Arts-Educ. 1,
 Dunlap, Joseph Paul, Arts-Educ. 1,
 Dunn, Edwin Stanhope, Comm. 4,
 Wilmington
 Pittsfield, Mass.
 Silas Creek
 Salisbury
 Southern Pines
 Southern Pines
 Danville, Va.
 Shelby
 Reidsville
 Rockingham
 Hillsboro
 New Haven, Conn.
 Brown Summit
 Brown Summit
 Asheville
 Trade, Tenn.
 Trade, Tenn.
 Morgantown, W. Va.
 Raleigh
 Chapel Hill
 Asheville
 Columbus, Ga.
 Sparta
 High Point
 Brandon, Vermont
 Fayetteville
 Hendersonville
 Scotland Neck
 Charlotte
 Long Island, N. Y.
 Nashville, Tenn.
 Cary
 Albemarle
 West Asheville
 New Bern
 New Bern
 Lenoir
 Charlotte
 Charlotte
 North Wilkesboro
 Lumberton
 Sioux Falls, S. Dakota
 Norwood
 Siler City
 Raleigh

Dunn, Frank Hughes, Arts 1,	New Bern
Dunn, Samuel Arrington, Jr., Law 1,	Scotland Neck
Dunn, William, Jr., Arts 2,	New Bern
Dunn, William Clyde, Arts 2,	Kinston
Dunning, Worth Louis, Arts 1,	Woodland
Durham, Edwin Vincent, Jr., Arts 3,	Charlotte
Dworin, Morris, Sci. Med. 3,	Bronx, N. Y.
Dyer, Cecil Arrington, Arts-Educ. 1,	Southern Pines
Eagles, Joseph Colin, Jr., Arts 2,	Wilson
Eagles, Richard Lowman, Arts-Educ. 1,	Fountain
Easley, Ruth Frances, Arts-Educ. 3,	Louisburg
Eatman, Charles Daniel, Preident. 2,	Bailey
Eatman, Edward Laughtin, Sci. Med. 2,	Bailey
Eaton, Joseph Withington, Sci. Med. 2,	Goffstown
Eaton, Oscar Benjamin, Jr., Law 2,	Winston-Salem
Eaves, James Sidney, Phar. 3,	Youngsville
Edgerton, Celeste, Arts 3,	Kenly
Edgerton, Cecil William, Arts 1,	Kenly
Edgerton, Glenn Sanders, Med. 1,	Kenly
Edson, Cyrus Melvin, Arts-Educ. 3,	Tampa, Fla.
Edwards, Angelo Alton, Phar. 1,	Stantonsburg
Edwards, Charles Ruffin, Phar. 3,	Mount Holly
Edwards, David Calvin, Premed. 2,	Walkertown
Edwards, James Glenn, Law 1,	Jonesboro
Edwards, Jesse Paul, Arts-Educ. 2,	Spray
Edwards, Lillian Nell, Arts-Educ. 3,	Sylva
Edwards, Troy Bryan, Comm. 4,	Morrisville
Edwards, Thomas Hicks, Arts-Educ. 3,	Rutherfordton
Edwards, Teddy Roosevelt, Arts-Laws 1,	Winston-Salem
Edwards, William Ferrell, Comm. 3,	Mars Hill
Edwards, William Walter, Comm. 1,	Durham
Efird, John England, Arts-Music 1,	Monroe
Eggleston, John Smythe, Arts-Educ. 2,	Spray
Ehrhart, George Wesley, Arts-Educ. 3,	Jackson
Eighme, Maurice Edward, Sci. Chem. 1,	Needham, Mass.
Eisenberg, Edward Ephraim, Arts 2,	Brooklyn, N. Y.
Elder, Harland H., Comm. 3,	Siler City
Eliason, Adlai Hampton, Elec. Engg. 1,	Statesville
Elkins, Charles Hendricks, Arts 1,	Liberty
Elledge, Charles Cowles, Arts-Educ. 1,	Champion
Ellinwood, Everett Hews, Med. 1,	Goldsboro
*Ellis, Constance Edith, Arts 3,	Henderson
Ellis, James Franklin, Phar. 1,	Statesville
Ellison, John Blount, Arts 1,	Greensboro
Elson, John Richard, Jr., Comm. 1,	Hendersonville
English, Daniel Lafayette, Comm. 3,	Davidson River

- English, Edwin Stuart, Jr., Comm. 4,
 Engstrum, Alfred Garvin, Arts 1,
 Enloe, Wallace, Arts 2,
 Erickson, Charles Perry, Civ. Engg. 2,
 Erskine, Charles Robert, Arts 2,
 Ervin, Hugh Tate, Civ. Engg. 2,
 Eskew, Walter Eugene, Chem. Engg. 3,
 Eskridge, Elbert Stanford, Arts-Educ. 3,
 Estep, John Herbert, Arts 3,
 Estes, William Collins, Comm. 1,
 Eubank, William Marvin, Jr., Arts-Educ. 4,
 Eubanks, Lyda Harris, Arts 3,
 Eubanks, Paul, Comm. Spec.
 Endy, John Clinton, Law 1,
 A.B., Newberry College, 1922.
 Evans, William Earle, Arts 2,
 Evans, William Franklin, Jr., Civ. Engg. 4,
 Everett, John Mallory, Comm. Spec.
 Ewbank, Ernest Wyttenbach, Arts 2,
 Ewbank, Harry Hutton, Jr., Arts 2,
 Ewing, Alexander Hughes, Arts 2,
 Fagan, James Payne, Sci. Med. 3,
 Faires, Thomas Erskine, Comm. 3,
 Falkener, Sara Gilmour, Arts-Educ. 3,
 Falls, Ralph Lane, Premed. 1,
 Farabee, Roscoe Charles, Sci. Med. 4,
 Farleigh, Stuart Allan, Arts 3,
 Farmer, Charles Martin, Comm. 1,
 Farmer, Lucile, Arts 3,
 Farrell, Claude Herman, Arts-Educ. 2,
 Farrell, Frank Wilson, Comm. 1,
 Farrell, Harry Laurence, Med. 2,
 Farrell, Martin Clay, Arts-Educ. Spec.
 Farrell, Robert, Comm.-Laws 2,
 Farrell, William York, Arts-Educ. 3,
 Farris, Jack Brodie, Comm. 1,
 Farris, Ray Simpson, Comm. 3,
 Farthing, John Worth, Arts 4,
 Faulkner, Joseph Goodson, Comm. 2,
 Fearing, William Lumsden, Arts 3,
 Feild, David Meade, Law 3,
 Feimster, Marshall Yount, Arts-Laws 3,
 Felmet, David B., Comm. 3,
 Felshin, Leon, Law 1,
 Felton, Lankford Joseph, Comm. 1,
 Fenker, Richard Mathis, Arts 1,
 Fenner, Julian Baker, Arts 3,
 Brevard
 Belvidere, Ill.
 Atlanta, Ga.
 Oak Park, Ill.
 Stamford, Conn.
 Morganton
 Greenville, S. C.
 Lawndale
 Whitehead
 Asheville
 Scotts Hill
 Chapel Hill
 Chapel Hill
 Cabarrus
 West Plains, Mo.
 Raleigh
 Laurinburg
 Hendersonville
 Hendersonville
 Franklin, Tenn.
 Erwin, Tenn.
 Charlotte
 Chapel Hill
 Lawndale
 Lexington
 Chicago, Ill.
 Wilmington
 Thomson, Ga.
 Dunn
 Cary
 Mebane
 Carrboro
 Aberdeen
 Mebane
 Charlotte
 Charlotte
 Wilmington
 Greensboro
 Elizabeth City
 Chapanoke
 Newton
 Waynesville
 New York, N. Y.
 Eure
 Nashville, Tenn.
 Tarboro

- Fenton, Abe Edwin, Law 2,
 Ferebee, James Lumsden, Jr., Civ. Engg. 2,
 Ferguson, Fred Jaynes, Comm. 2,
 Ferguson, Jesse Edwin, Comm. 2,
 Ferguson, Thomas Russell, Comm. 3,
 Finch, Harry Clinton, Arts 1,
 Finley, John Henry, Arts-Educ. 3,
 Fisher, Adam, Jr., Chem. Engg. 2,
 Fisher, Carl Hilbert, Arts 2,
 Fisher, James Bankerd, Arts-Educ. 2,
 Fisher, Junius Virgil, Law 1,
 Fisher, Roscoe Brown, Arts 2,
 Fisher, Ray Richard, Law 1,
 A.B., Catawba College, 1928.
 Fitch, Miles McPherson, Comm. 1,
 Fitzgerald, William John, Elec. Engg. 1,
 Fleming, Frank Reavis, Arts-Educ. 3,
 Fleming, Samuel Wallace, Arts 1,
 Fleming-Jones, Robert McBride, Comm. 1,
 Flowers, John Franklin, Jr., Arts 1,
 Flowers, William Anderson, Arts 1,
 Foard, Cowan Carson, Sci. Med. 2,
 Foard, Edison Glenn, Arts-Educ. 4,
 Follin, Marion Geddings, Jr., Comm. 3,
 Follin, Thomas Barber, Comm. 1,
 Fonville, Edward Moseley, Arts 1,
 Ford, Annie Mae, Arts-Educ. 3,
 Ford, Charles Ellis, Arts 2,
 Ford, Harry Samuel, Civ. Engg. 2,
 Ford, John Fred, Comm. 3,
 Fordham, Jefferson Barnes, Law 3,
 A.B., 1926.
 Forester, Maurine, Arts 3,
 Forney, Thomas Jacob, Arts-Educ. 1,
 Forrest, Bedford Brosier, Phar. 1,
 Forrest, Clyde Maurice, Arts-Educ. 1,
 Forrester, Roy Lane, Arts-Educ. 4,
 Forsyth, Daniel Holt, Arts-Educ. 1,
 Foster, Daniel Russell, Comm. 1,
 Fowler, John Anderson, Jr., Elec. Engg. 1,
 Fowler, Joseph Thomas, Comm. 3,
 Fox, Herbert Junius, Arts-Educ. 4,
 Fox, Haskell Wright, Sci. Med. 3,
 Franklin, Roy Wade, Sci. Med. 2,
 Frasier, Harry Glenn, Arts-Educ. 1,
 Freeland, Ernest Pinkney, Sci. Med. 2,
 Freeman, Douglas Garland, Arts 1,
 Charleston, W. Va.
 West Allis, Wisc.
 Dellwood
 Siler City
 Newell
 Wilson
 Welsh, La.
 Charlotte
 Salisbury
 Pittsburgh, Penna.
 Salisbury
 Salisbury
 Salisbury
 Mebane
 Ashtabula, Ohio
 Hamptonville
 Jamesville
 Las Cruces, N. Mex.
 Charlotte
 Fremont
 Statesville
 Charlotte
 Winston-Salem
 Winston-Salem
 Wilmington
 Lowell
 Louisburg
 Jersey City, N. J.
 Belmont
 Greensboro
 Dallas, Texas
 Lawndale
 Hillsboro
 Francisco
 Chapel Hill
 Greensboro
 Wilmington
 Greensboro
 Chapel Hill
 Franklinville
 Troutman
 Raleigh
 Sanford
 Charlotte
 Gates

Freeman, Raymond Carl, Arts-Educ. 3,	Powellsville
French, Berry Godwin, Comm. 2,	Lumberton
French, George Edward, Jr., Arts 1,	Statesville
Frisby, Everett Frederick, Elec. Engg. 1,	Marshall
Froneberger, Ernest Ross, Comm. 4,	Bessemer City
Fuchs, Henry Laurance, Precent. 1,	Hempstead, N. Y.
Fulcher, Edgar Lytle, Comm. 4,	Stacy
Fulcher, Horace Martin, Comm. 4,	Stacy
Fuller, William Pace, Arts 4,	Durham
Furr, Carl Martin, Arts-Laws 1,	Stanfield
Furr, Lewis J., Arts 1,	Holly Springs
Fussell, Edna Lee, Arts-Educ. 3,	Rose Hill
Fussell, Lucian Holmes, Arts-Educ. 2,	Rose Hill
Fysal, Ellis Daker, Arts 2,	Wilson
Gaddy, Herman C., Arts-Educ. 3,	Peachland
Gainer, William Dawson, Phar. 1,	Fountain
Galimore, Kenneth, Comm. 4,	Lexington
Galland, Harry Joseph, Arts 2,	Brooklyn, N. Y.
Gallop, Marshall Aubrey, Arts-Educ. 2,	Elizabeth City
Galloway, Alexander Henderson, Jr., Arts 4,	Winston-Salem
Gardner, Dillard Scott, Law 3,	Reidsville
A.B., 1928.	
Gardner, Harry Edgar, Phar. 1,	Fountain
Gardner, James Webb, Arts-Educ. 1,	Shelby
Gardner, Voige McDuffie, Med. 1,	Greensboro
Garmise, Morris Louis, Comm. 4,	Gastonia
Garner, Floyd McCoy, Arts-Educ. 1,	Newport
Garrett, Howard Richard, Arts-Educ. 2,	Washington, D. C.
Garris, John William, Sci. Med. 1,	Goldsboro
Garris, William Irving, Arts-Educ. 3,	Murfreesboro
Garrison, Ralph Bernard, Sci. Med. 3,	Glen Alpine
Gaskill, Albert Clarke, Arts-Educ. 2,	Beaufort
Gaskill, Eugene Larry, Arts-Educ. 2,	Sea Level
Gaskill, Nathan Buzby, Law 2,	Asheville
Gatling, James Moore, Comm. 1,	Raleigh
Gay, Kenneth Alexander, Comm. 2,	Chapel Hill
Geitner, Robert Walker, Arts 1,	Hickory
Gentry, Benjamin Gordon, Comm. 1,	Reidsville
Gentry, Rull, Comm. 2,	Denniston, Va.
Gholson, Alfred Waddell, Jr., Law 2,	Henderson
Gibbons, Henry Elbert, Jr., Arts 2,	Hamlet
Gibson, Walter Irving, Arts-Educ. 3,	High Point
Giddings, David Alden, Comm. 4,	West Hartford, Conn.
Gignilliat, Charles, Jr., Arts 4,	Seneca, S. C.
Gil, Mary Concheta, Arts-Educ. 3,	Tampa, Fla.
Gilbert, Harry Marion, Arts 3,	Darlington, S. C.

- Gilbert, Paul Lestrade, Civ. Engg. 2,
 Gilbreath, J. Ulpin, Arts-Educ. 1,
 Gilehrist, Peter Spence, Chem. Engg. 1,
 Giles, Junius Albion, Med. 2,
 Giles, Lawrence James, Jr., Law 1,
 Giles, Ned Butler, Sci. Med. 3,
 Giles, Robert Theodore, Law 3,
 A.B., Trinity College, 1921.
 Gill, Eustis Dabney, Comm. 1,
 Gillespie, John McIver, Arts 1,
 Gilliam, Paul Denny, Arts 4,
 Gilreath, Frederick Gulley, Arts-Educ. 4,
 Ginn, James Theda, Arts 1,
 Gippin, Morris, Sci. Med. 2,
 Glascock, Harold Winfield, II, Sci. Med. 2,
 Gleaton, George Newsome, Arts 3,
 Glenn, Charles Arthur, Arts 2,
 Glenn, Eugene Byron, Med. 2,
 Glenn, John David, Arts-Educ. 3,
 Glenn, John Frazier, Law 2,
 A.B., 1927.
 Glenn, Joseph Henry, Comm. 2,
 Glenn, Marion Sevier, Arts-Educ. 1,
 Glickman, Charles Sydney, Sci. Med. 2,
 Glickman, Sidney, Comm. 2,
 Godwin, Paul Simpson, Comm. 1,
 Godwin, Reginald Carroll, Arts-Educ. 1,
 Godwin, Sherrill Lee, Arts-Educ. 1,
 Goebel, Robert Wilson, Civ. Engg. 1,
 Gold, James Howard, Arts 4,
 Goldberg, Samuel Robert, Comm. 4,
 Goldstein, Isadore, Arts 1,
 Goldston, Cleo Wade, Arts 2,
 Gonzalez, Rafael, Civ. Engg. 2,
 Goode, George Browne, Comm. 3,
 Goode, John Fisher, Arts-Educ. 2,
 Goode, Velma, Arts 3,
 Goodes, Benjamin Lawrence, Arts-Laws 1,
 Goodman, Albert Raphael, Predent. 2,
 Goodman, Joseph Vernal, Arts-Educ. 2,
 Goodridge, Noah, Arts 2,
 Goodson, Elwood Koontz, Comm. 2,
 Goodson, Mary Katharine, Arts-Educ. 3,
 Goodwin, Cary Jackson, Phar. 2,
 Goodwin, Cleon Walton, Sci. Med. 3,
 Goodwin, James Clivie, Arts 2,
 Goodwyn, Lee Witten, Law Spec.
- Statesville
 Grandfield, Okla.
 Charlotte
 Chapel Hill
 Clifton Forge, Va.
 Glen Alpine
 Chapel Hill
 Zebulon
 Greensboro
 Altamahaw
 Wilkesboro
 Snow Hill
 Brooklyn, N. Y.
 Raleigh
 Conyers, Ga.
 Gastonia
 Asheville
 Gastonia
 Asheville
 Winston-Salem
 Asheville
 Brooklyn, N. Y.
 New York, N. Y.
 Williamston
 Fairfield
 Dunn
 High Point
 Greensboro
 Gastonia
 Wilmington
 Goldston
 Santurce, Porto Rico
 Rutherford College
 Woodard
 Boiling Springs
 Burlington
 Yonkers, N. Y.
 Altamont
 Brooklyn, N. Y.
 Salisbury
 Mt. Olive
 Apex
 Oriental
 Clifton Forge, Va.
 Greenwood, S. C.

Gordon, James Wilkerson, Comm. 1,	Pilot Mountain
Gordon, Thomas Wilson, Phar. 1,	Hillsboro
Gorham, James Samuel, Jr., Comm. 2,	Rocky Mount
Graham, Charles Pattison, Med. 1,	Wilmington
Graham, Donald Watkins, Arts 2,	Charlotte
Graham, Edward Kidder, Arts 1,	Chapel Hill
Graham, George Malcolm, Arts-Laws 3,	Jonesboro
Graham, James Melvin, Jr., Comm. 2,	Baltimore, Md.,
Graham, John Washington, Arts 3,	Edenton
Graham, Robert Edward Lee, Jr., Arts-Laws 3,	Charlotte
Grainger, John Cameron, Arts 2,	Wilmington
Grant, Frank Wyman, Sci. Chem. 1,	Charleston, S. C.
Graves, Calvin, Jr., Arts-Laws 3,	Mt. Airy
Graves, Harwood Leach, Arts 1,	Seagrove
Gray, Bowman, Jr., Arts 4,	Winston-Salem
Gray, Edmund Lilly, Arts 1,	Raleigh
Gray, Gordon, Arts 3,	Winston-Salem
Gray, Morton, Comm. 1,	Brooklyn, N. Y.
Gray, Robert McDonald, Arts 4,	Statesville
Graybill, Edwin Connelly, Comm. 3,	Roanoke, Va.
Graybill, James Monroe, Comm. 3,	Roanoke, Va.
Green, John Robert, Comm. 1,	Rockford, Ill.
Green, Stanley Everette, Arts-Educ. 3,	Boiling Springs
Green, Worth Bunyan, Premed. Spec.	Midland
Greenblatt, Milton, Arts 2,	Brooklyn, N. Y.
Greene, Alton Glenn, Arts-Educ. 3,	Candor
Greene, Ralph Cordell, Comm. 3,	Marshville
Greer, Frederick Blackmon, Arts Spec.	Anniston, Ala.
Gregory, Augustus Merrimon, Arts 4,	Salisbury
Gregory, Herbert Thorpe, Arts 1,	Stovall
Gresham, John Thomas, Jr., Law 2,	Warsaw
Gribble, Robert Lee, Arts-Educ. 2,	Dallas
Grier, Barron Kelly, Arts-Laws 1,	Statesville
Grier, Harry Glenroy, Comm. 3,	Gastonia
Griffin, A. T., Phar. 1,	Pinetops
Griffin, Floyd Sampson, Law 2,	Cullowhee
A.B., 1925.	
Griffin, James Odell, Arts-Educ. 2,	Reidsville
Griffin, Thomas Edmond, Arts-Educ. 3,	Monroe
Griffith, Mary Irene, Sci. Med. 3,	Ruffin
Griggs, Carl Francois, Arts-Educ. 1,	Mayodan
Grimes, Alston, Arts 1,	Washington
Grimes, Bryan, Arts 4,	Washington
Grimes, Charles O'Hagan, Law 1,	Raleigh
Grimes, Thomas Mayo, Arts-Educ. 3,	Robersonville
Grindstaff, Harold Freeman, Arts 2,	Sylva

Griswold, Wesley Southmayd, Arts 4,	Middletown, Conn.
Groce, Alvin Luther, Comm. 4,	Asheville
Groome, Ivey Addison, Comm. 1,	Greensboro
Gross, Ernest Thurman, Elec. Engg. 2,	Burlington
Grossman, Harry, Arts 3,	Mebane
Grottyohann, John Walter Charles, Arts 2,	Brooklyn, N. Y.
Groves, Catherine, Arts 3,	Chapel Hill
Gulley, Arthur Blye, Arts 2,	Smithfield
Gulley, Robert Clingman, Elec. Engg. 1,	Brookhaven, Miss.
Gump, Harry, Prelaw 1,	Greensboro
Gunter, June Uriah, Jr., Arts 2,	Sanford
Gupton, Lawrence Orion, Sci. Med. 1,	Rocky Mount
Gurganus, Aubrey Anthony, Arts-Educ. 2,	Washington
Gurganus, Ransom Herman, Arts 4,	Jacksonville
Guthrie, Clarence Hudson, Arts-Educ. 1,	Beaufort
Guthrie, Paul Alexander, Arts 1,	Rockingham
Hackney, Rufus Rastus, Arts-Educ. 4,	Durham
Hadley, Charles William, Arts-Educ. 3,	Badin
Hadley, Wade Hampton, Jr., Sci. Geol. 2,	Siler City
Hague, James Donald, Arts 4,	Rochester, N. Y.
Hall, Alton Parker, Arts-Educ. 4,	Candler
Hall, Harvey Lutrell, Comm. Spec.	Roseboro
Hall, James Brownlee, Arts 4,	Belmont
Hall, William Kerr, Arts 1,	Winston-Salem
Halsey, Leonard Kenney, Arts-Educ. 3,	Mouth of Wilson, Va.
Hambright, Gould Mitchell, Arts 4,	Marshfield, Wis.
Hamer, Edward Ryan, Arts-Educ. 2,	McColl, S. C.
Hamer, George Winston, Arts 3,	McColl, S. C.
Hamilton, Joseph G. deRoulhac, Jr., Arts 2,	Chapel Hill
Hammond, Eugene Colby, Arts-Educ. 3,	Rowland
Hammond, Lawrence Townley, Arts-Laws 2,	Asheboro
Hampton, William Charles, Law 1,	Asheville
Hamrick, Asa Harrill, Arts-Educ. 3,	Shelby
Hamrick, Frederick Delmon, Jr., Arts 3,	Rutherfordton
Hancock, Colan Clifton, Arts-Educ. 1,	Bear Creek
Hancock, Ernest Dewey, Arts-Educ. 3,	Bear Creek
Hanna, Ralph Edward, Sci. Med. 1,	Dunn
Harden, James Turner, Arts-Educ. 3,	Graham
Hardin, Jason Hugh, Arts-Educ. 3,	Forest City
Harding, Franklin Daniel Boone, Law 2,	Yadkinville
A.B., 1925.	
Harding, Phoebe Randolph, Arts-Educ. 3,	Washington
Hardison, Joseph Rhem, Arts-Educ. 1,	Oak City
Hargrove, William Foster, Sci. Med. 2,	Canton
Harmon, John Obie, Law 2,	Pittsboro
A.B., 1924.	
Harper, Frank Trumbo, Sci. Med. 3,	Kinston

Harper, Jacob Thompson, Arts-Educ. 1,	Pittsboro
Harper, Sanford Carter, Jr., Comm. 3,	Winston-Salem
Harper, William Lacy, Civ. Engg. 4,	Pittsboro
Harrell, Linwood Parker, Comm. 3,	Edenton
Harrell, Travis Monroe, Precent. 1,	Columbia
Harrell, Wiley Cleveland, Phar. 3,	Moyock
Harrington, Edgar Lloyd, Arts 2,	Ayden
Harrington, William Lawson, Arts-Educ. 1,	Ayden
Harris, Alfred Livingston, Phar. 1,	Mt. Gilead
Harris, Boyd White, Jr., Comm. 3,	Durham
Harris, Earle Harold, Premed. Spec.	New York, N. Y.
Harris, Henry Doyle, Comm. 2,	Durham
Harris, James Carlos, Arts 2,	Inez
Harris, James Luther, Jr., Arts-Educ. 1,	Seaboard
Harris, John Lorry, Jr., Comm. 2,	Raleigh
Harris, John Thomas, Jr., Comm. 1,	Farmville
Harris, Lawrence Reed, Arts 1,	Henderson
Harris, Milton, Arts 1,	Garysburg
Harris, Ptolemy Tinsley, Sci. Med. 3,	Silverstreet, S. C.
Harris, Thomas Newby, Chem. Engg. 1,	Elizabeth City
Harrison, Thelma, Arts-Educ. 3,	Plymouth
Harrison, Thomas Pendleton, Arts-Educ. 4,	Chapel Hill
Harriss, James Binford, Jr., Arts 1,	Wilson
Harriss, William Burwell, Arts 1,	Wilson
Harton, Roman Albert, Med. 2,	Durham
Hartsell, Boyd Allen, Arts-Educ. 3,	Concord
Hartshorn, Derick, Jr., Sci. Chem. 1,	Goldsboro
Harward, James, Arts-Educ. 4,	Oakboro
Hatem, Shafick George, Sci. Med. 2,	Greenville
Hathaway, Edward Floyd, Arts-Educ. 3,	Bethel
Hawkins, Clyde Lee, Arts-Educ. 2,	Bessemer City
Hayes, Benjamin Franklin, Arts-Educ. 1,	Pink Hill
Hayes, Charles Patton, Elec. Engg. 2,	Asheville
Hayes, Horace Stateman, Law 1,	Gates
Hayes, Robert Haile, Civ. Engg. 4,	Kershaw, S. C.
Haywood, Egbert Lynch, Arts 2,	Durham
Haywood, Wilbur Floyd, Comm. 2,	Candor
Headen, Welford Albert, Comm. 4,	Siler City
Headen, William Josiah, Comm. 1,	Siler City
Heckenbleikner, Alvan, Mech. Engg. 1,	Charlotte
Heckenbleikner, Herbert, Arts 2,	Charlotte
Hedgecock, Robert Adams Anderson, Arts 3,	Walnut Cove
Hedgepeth, Edward McGowan, Med. 2,	Elm City
A.B., 1927.	
Hedgepeth, Thaddeus Valmonte, Elec. Engg. 3,	Elm City
Heffelfinger, William Walter, Jr., Arts 2,	Minneapolis, Minn.
Heffner, Bain Lafayette, Premed. 1,	Maiden

Heffner, James Foster, Elec. Engg. 4,	Maiden
Heffner, Reid Russell, Med. 2,	Maiden
Heiner, Maurice Louis, Phar. 4,	Leaksville
Heinitsh, George W., Med. 1,	Spartanburg, S. C.
Heller, Joseph Elias, Sci. Med. 2,	Brooklyn, N. Y.
Helms, Frank McLarty, Arts-Educ. 4,	Monroe
Hemby, Wilbur Spear, Comm. 1,	Kinston
Hendershott, Victor Orestes, Predent. 1,	Washingtonville, N. Y.
Henderson, Joseph Broadus, Sci. Med. 3,	Quebec
Henderson, John Middleton, Comm. 4,	West Asheville
Henderson, Peter Leland, Arts 2,	Jersey City, N. J.
Henderson, Ray, Arts-Educ. 1,	Greensboro
Henderson, Willis Irwin, Comm. 2,	Charlotte
Hendlin, Harry Howell, Arts 1,	New York, N. Y.
Henry, Charles Howard, Comm. 2,	Plainfield, N. J.
Henry, Matthew George, Arts 2,	Chapel Hill
Henry, Nathaniel Harding, Arts 4,	Chapel Hill
Henry, Tom Craig, Comm. 2,	Gastonia
Hensley, Charles Alexander, Jr., Elec. Engg. 2,	Morganton
Henson, John Edwin, Sci. Med. 2,	Sylva
Herring, James Benjamin, Comm. 2,	Rocky Mount
Herring, Odie Boon, Sci. Med. 3,	Roseboro
Hester, Clarence Brannon, Sci. Med. 1,	Lumberton
Hester, Joseph Fairfield, Comm. 2,	Charlotte
Hester, Luther Boyd, Jr., Arts 2,	Goldston
Hewitt, Eric Bernard, Premed. Spec.	New London, Conn.
Hicks, Elsie May, Med. 1,	Raleigh
Higdon, Earl Dills, Comm. 1,	Sylva
Higdon, William Logan, Jr., Comm. 3,	Franklin
Hill, Guy Edward, Comm. 3,	Greensboro
Hill, Henry Osborne, Civ. Engg. 3,	Cherryville
Hines, Donald Leeper, Arts-Educ. 1,	Stony Point
Hines, Eugene Griffin, Comm. 2,	Goldsboro
Hines, Horace, Arts 1,	Winston-Salem
Hines, Henry James, Elec. Engg. 4,	Clinton
Hines, James McMurray, Comm. Spec.	Rowland
Hinshaw, Conrad Ogburn, Arts-Educ. 3,	Pleasant Garden
Hinshaw, Clarence Preston, Law 2,	Chapel Hill
Hinson, Claude Sims, Arts-Educ. 3,	Yadkinville
Hinton, George Roy, Arts 2,	Kenly
Hobbs, Jesse Frank, Med. 2,	Edenton
Hobgood, Hamilton Harris, Arts-Educ. 1,	Bunn
Hobson, Frederick Colby, Arts-Educ. 4,	Boonville
Hocutt, John Irving, Arts-Educ. 3,	Clayton
Hodges, Robert Mitchell, Arts 1,	Winston-Salem
Hodgin, William Kerr, Elec. Engg. 1,	Greensboro

Hoefer, Elmer George, Jr., Elec. Engg. 2,	Chapel Hill
Hofler, James Durward, Comm. 3,	Hobbsville
Hofler, James Luther, Comm. 2,	Gatesville
Hogan, Hubert Thomas, Sci. Chem. 3,	Chapel Hill
Hoggard, Charles Ray, Phar. 3,	Ahoskie
Holbrook, Macon Eugene, Comm. 1,	Concord
Holden, William Lorence, Law 1,	Wilmington
Holder, Clyde Robert, Sci. Chem. 2,	Winston-Salem
Holder, Glenn Parran, Arts 3,	Greensboro
Holderness, Haywood Dail, Arts 3,	Tarboro
Hole, Leonard Howlett, Arts 3,	Greensboro
Holland, Archie Colon, Arts 1,	Mt. Olive
Holland, Rhoid Brandon, Comm. 4,	Gatesville
Holland, Troy Lester, Arts-Educ. 3,	Nebø
Holland, William Thompson, Sci. Geol. 3,	Charlotte
Hollingsworth, James C., Comm. Spec.	Mt. Airy
Holloman, Braxton Hubert, Arts 3,	Ahoskie
Holmes, Alexander Baron, Law 2,	Charleston, S. C.
Holmes, C. K., Premed. Spec.	Linwood
Holmes, Elbert Carmie, Comm. 2,	Farmville
Holmes, George Hamilton, Arts 4,	Tryon
Holshouser, James Eubert, Law 2,	Blowing Rock
A.B., Davidson College, 1925.	
Holt, Don Shaw, Arts 4,	Graham
Holt, Joseph Williams, Jr., Elec. Engg. 4,	Greensboro
Holt, Robert Edward Lee, Jr., Sci. Med. 3,	Burlington
Holton, George Montague, Comm. 4,	Cash Corner
Hood, Ethel, Arts 3,	Lake Waccamaw
Hooks, William Robert, Arts 3,	Fremont
Hoots, Carl Casper, Preident. 2,	Yadkinville
Horner, Edward Winstead, Jr., Arts-Educ. 1,	Burlington
Horney, Giles Foushee, Elec. Engg. 2,	Greensboro
Horney, William Johnston, Jr., Civ. Engg. 3,	Greensboro
Horowitz, Irving, Arts-Educ. 2,	Flushing, N. Y.
Houghton, Matthew Amos, Arts-Educ. 2,	Clayton
House, Arthur Caswell, Sci. Med. 1,	Weldon
House, Henry Charles, Jr., Arts 2,	Weldon
House, Major Clinton, Prelaw 1,	Robersonville
Householder, Frank Johnson, Comm. 2,	Durham
Houston, Francis Marion, Comm. 3,	Raleigh
Houston, George Phifer, Comm. 1,	Charlotte
Houston, Jack Morrison, Elec. Engg. 2,	Charlotte
Hovis, Robert Alexander, Arts 3,	Charlotte
Howard, Christopher Cameron, Civ. Engg. 3,	Deep Run
Howard, Jesse MacRae, Jr., Arts-Educ. 2,	Concord
Howard, Lee Helen, Sci. Phar. 1,	Garner

Howard, Nelson Ferebee, Arts 4,	Tarboro
Howe, Charles Kent, Jr., Comm. 1,	Beaufort
Howell, Frank Short, Arts 4,	Fayetteville
Howell, Kenneth Wolfe, Arts 3,	Hendersonville
Howell, Lee Banks, Arts 1,	Gastonia
Howell, Robert Philip, Civ. Engg. 4,	Fayetteville
Hoyle, Hughes Bayne, Arts-Educ. 3,	Manteo
Hoyle, Walter, Law 2,	Lincolnton
A.B., Univ. of California, 1927.	
Hubbard, Robert Edmund, Elec. Engg. 2,	Clinton
Hudgins, Daniel Edward, Jr., Law 1,	Marion
A.B., 1928.	
Hudson, Clinton Cyril, Sci. Chem. 3,	Sparta
Hudson, Clifford Franklin, Med. 1,	Sparta
A.B., 1928.	
Hudson, James Anderson, Arts 1,	Salisbury
Hudson, James Spearman, Arts 2,	Dallas, Texas
Hudspeth, Walser Renolds, Arts-Educ. 2,	Cycle
Huff, Joseph Hansell, Arts-Educ. 1,	Moultrie, Ga.
Huffman, Joseph Elmo, Arts 1,	Thomasville
Huger, William Beekman, Arts 3,	Savannah, Ga.
Hughes, Duncan Gilchrist, Comm. 1,	Parkton
Hughes, Early Lee, Arts 3,	Trinity
Hulon, Clyde Elbert, Comm. 2,	East Laurinburg
Humphrey, Earle Ambrose, Jr., Law 1,	Goldsboro
S.B. in Commerce, 1927.	
Humphrey, Walter Emerson, Arts-Educ. 1,	Dover
Humphries, Wofford Forrest, Comm. 1,	Asheville
Hundley, George William, Jr., Arts 2,	Durham
Hunsucker, Wilbur Curtis, Predent. 2,	Gibson
Hunt, Onyx Samuel, Sci. Med. 1,	Durham
Hunt, Paul Addison, Comm. 3,	Pleasant Garden
Hunt, William Lanier, Arts 3,	Pomona
Hunter, Elwood Cartelyou, Arts-Educ. 4,	Tobaccoville
Hunter, Ernest Jones, Arts-Educ. 1,	Huntersville
Hunter, Fred Sample, Arts-Educ. 3,	Huntersville
Hunter, James Leroy, Arts-Educ. 1,	Huntersville
Hunter, Marvin Nathaniel, Arts-Educ. 2,	Huntersville
Hunter, Shelton Brinson, Jr., Arts 4,	Magnolia
Hunter, Thomas Allison, Arts 3,	Greensboro
Hunter, Thomas Lindsay, Arts-Educ. 3,	Lincolnton
Huntley, William Thomas, Phar. 2,	Aberdeen
Huske, Addie Currier, Arts-Educ. 3,	Fayetteville
Huske, Isaac Hall, Arts 3,	Fayetteville
Huskins, J. P., Arts 3,	Burnsville
Huss, Kelly William, Sci. Phar. 3,	Cherryville
Huss, Thomas Kearn, Arts-Educ. 4,	Cherryville

- Husa, Theodore Frederick, Jr., Arts 2,
 Hussey, Frederick Gorland, Premed. 1,
 Hutaff, Tabitha Cromwell, Premed. 2,
 Hutchison, Joel Jenkins, Jr., Comm. 1,
 Idol, John Dempsey, Comm. 2,
 Ingram, John Robert, Jr., Comm. 4,
 Ipock, Edward Ray, Civ. Engg. 1,
 Isenhour, John Henry, Comm. 1,
 Jack, Welborn, Arts-Laws 3,
 Jackson, Frank Wissler, Sci. Med. 2,
 Jackson, Henry Tull, Arts-Educ. 2,
 Jackson, Morris Bradly, Arts-Educ. 2,
 Jackson, Philip, Comm. 3,
 Jackson, Roy Lester, Arts-Educ. 1,
 Jackson, Wade, Arts 2,
 Jackson, William Thomas, Comm. 3,
 Jacocks, Francis Atherton, Elec. Engg., 3,
 Jacocks, Francis Gillam, Jr., Sci. Med. 2,
 James, Arthur Augustus, Jr., Med. 1,
 A.B., 1928.
 James, Brandol Franklin, Jr., Arts-Music 3,
 James, Charles Jordan, Phar. 3,
 James, Francis Marion, Arts-Educ. 1,
 James, Myriel Anderson, Law 2,
 A.B., 1924.
 James, William Kelly, Arts-Educ. 3,
 Jameson, Harlan, Comm. 1,
 Janvey, Philip, Arts 2,
 Jarman, William Henry, Comm. 1,
 Jarratt, Augustus Henry, Jr., Arts 3,
 Jefferson, Milton Fay, Jr., Comm. 3,
 Jeffreys, James Lee, Comm. 1,
 Jemison, John Snow, Jr., Comm. 2,
 Jenkins, Donald McIntosh, Arts-Educ. 1,
 Jenkins, Raymond Taylor, Sci. Med. 1,
 Jenkins, S. Forest, Comm. Spec.
 Jenkins, William Sumner, Law 1,
 A.B., 1924; A.M., 1925; Ph.D., 1927.
 Jennings, Augustus Campbell, Arts 4,
 Jennings, Herbert Edwin, Premed. 2,
 Jenrette, Thomas Shepherd, Arts-Educ. 1,
 Jernigan, Hubert, Arts-Educ. 1,
 Jernigan, Luby Baggett, Arts-Educ. 1,
 Jessup, Robert Moore, Comm. 4,
 Jessup, William Edward, Comm. 3,
 Jewell, Thomas Watts, Sci. Chem. 2,
 Johnson, A. Glendon, Comm. Spec.
 Montclair, N. J.
 Burgaw
 Wilmington
 Charlotte
 High Point
 Sanford
 New Bern
 Salisbury
 Shreveport, La.
 Apex
 Faison
 Newport, N. Y.
 Gastonia
 Grifton
 Chapel Hill
 Weeksville
 Tarboro
 Elizabeth City
 Laurinburg
 Ayden
 Durham
 Wilmington
 Asheville
 Farmington
 Winter Haven, Fla.
 Hempstead, Long Island
 Wilmington
 Concord
 Washington
 Fremont
 Birmingham, Ala.
 Brevard
 Kinston
 Oxford
 Lincolnton
 Jennings
 Pores Knob
 Marietta
 Mt. Olive
 Cooper
 Guilford College
 Kernersville
 Tarrytown, N. Y.
 Varina

Johnson, Benjamin Elroy, Arts-Educ. 2,	Candor
Johnson, Burt Powers, Arts-Educ. 3,	Lillington
Johnson, Charles Bascum, Premed. 1,	Wallace
Johnson, Daniel Calvin, Arts-Educ. 2,	Morven
Johnson, Elizabeth, Arts 3,	Louisburg
Johnson, Frederick Burr, Comm. 4,	Raleigh
Johnson, Frederick Kitchin, Arts 1,	Benson
Johnson, George Mann, Arts 4,	Cedar Creek
Johnson, Henry Livingston, Arts 3,	Dillon, S. C.
Johnson, Josiah Dark, Premed. 2,	Siler City
Johnson, James Edwin, Law 1,	Benson
Johnson, James Harris, Comm. 1,	Liberty
Johnson, Joseph John, Premed. 2,	Siler City
Johnson, John Ralph, Arts 3,	Clayton
Johnson, Joseph Sidney, Comm. 1,	Morven
Johnson, John Zadac, Comm. 1,	Middlesex
Johnson, Larry Branch, Comm. 1,	Charlotte
Johnson, Preston Bright, Jr., Comm. 2,	Benson
Johnson, Pinkney Greer, Jr., Elec. Engg. 2,	Asheville
Johnson, Patrick Henry, Arts 1,	Pantego
Johnson, Robert Glenn, Comm. 2,	Benson
Johnson, William Bizzell, Sci. Med. 1,	Dillon, S. C.
Johnson, William Robert, Arts-Educ. 3,	Four Oaks
Johnson, William Wesley, Arts 1,	Varina
Johnston, Addie Louise, Arts-Educ. 4,	Mebane
Johnston, Frederick Odell, Comm. 3,	Kelford
Jones, Clifford Crowe, Civ. Engg. 4,	Greenville, S. C.
Jones, Clarence Dupre, Jr., Comm. 4,	Hillsboro
Jones, Frank Allen, Arts-Educ. 3,	Cofield
Jones, George Lyle, Arts 1,	Asheville
Jones, Halbert McNair, Comm. 4,	Laurinburg
Jones, Herbert William, Comm. 2,	Greensboro
Jones, John Lynn, Phar. 1,	Clarkton
Jones, Joseph Piper, Arts 2,	Durham
Jones, Marvin Reath, Predent. 1,	Mt. Olive
Jones, William Bartlett, Premed. 2,	South Mills
Jones, William Bruce, Arts-Educ. 2,	Seaboard
Jones, William Franklin, Elec. Engg. 2,	Charlotte
Joyner, Frank Carl, Sci. Med. 1,	Farmville
Justice, Ashley Curtis, Law 1,	Chapel Hill
Kail, David, Sci. Med. 3,	New York, N. Y.
Kannan, Frederick Grondincourt, Arts 1,	Kenly
Kapp, Constantine Hege, Sci. Med. 1,	Winston-Salem
Kapp, Henry Hermann, Jr., Sci. Med. 2,	Winston-Salem
Karriker, Therman R., Comm. 2,	Mooreville
Kartus, Alvin Sigmond, Law 3,	Asheville

Kaufman, James Sydney, Sci. Med. 2,	New York, N. Y.
Kaufmann, Arthur Wright, Sci. Med. 1,	Essex Falls, N. J.
Keerans, John Willard, Law 2,	Charlotte
A.B., 1927.	
Keim, George Clifton, Jr., Arts 1,	Philadelphia, Penna.
Keith, Theodore Roosevelt, Sci. Med. 4,	Currie
Kell, David Franklin, Arts 2,	Clinton
Kellam, Nosco Hobart, Comm. 1,	Greensboro
Keller, William Lee, Civ. Engg. 1,	Oxford
Kellogg, Martin, Jr., Law 1,	Sunbury
Kelly, Leo Curtis, Phar. 2,	Lillington
Kendall, Bloomfield, Sci. Chem. 2,	Shelby
Kennedy, Gordon Bennett, Arts 2,	Beulaville
Kennedy, John H., Comm. 1,	Cumnock
Kent, Alfred Abraham, Med. 2,	Lenoir
Kent, Benjamin Horatio, Phar. 1,	Lenoir
Kenyon, Van Leslie, Jr., Civ. Engg. 1,	Hillsboro
Kerr, John Wise, Comm. 1,	Statesville
Kesler, Roland Lincoln, Arts-Educ. 4,	Salisbury
Kesler, Thomas Lingle, Sci. Geol. 4,	Salisbury
Kessler, William Fred, Sci. Med. 2,	New York, N. Y.
Ketchie, Hansel Dalton, Comm. 1,	Statesville
Key, Robert Glenn, Law 1,	Ronda
Kirk, Jacob Sidney, Elec. Engg. 3,	Mocksville
Kidd, Edward Benedict, Jr., Comm. 1,	Charlotte
Killebrew, Joseph Arthur, Arts-Educ. 1,	Roanoke Rapids
Kincaid, Archibald Douglas, Sci. Med. 2,	Charlotte
Kincaid, Gilmour Anderson, Arts 2,	Gastonia
Kindel, William Allen, Jr., Comm. 1,	Columbia, S. C.
King, Albert Gleason, Comm. Spec.	Raleigh
King, Ernest Walter, Jr., Comm. 1,	Charleston, S. C.
Kinlaw, Junior Luther, Arts-Educ. 1,	Falcon
Kirk, Jacob Sidney, Elec. Engg. 3,	Mocksville
Kirkpatrick, Arthur Moiles, Premed. 2,	Caldwell, N. J.
Kirkpatrick, John James, Comm. 2,	Caldwell, N. J.
Kirkpatrick, Thomas LeRoy, Jr., Comm. 2,	Charlotte
Kiser, Arthur George, Phar. 1,	West Asheville
Kiser, Worth LeRoy, Comm. 2,	Bessemer City
Kitchen, Donald Omega, Arts 3,	Greenville, S. C.
Kitchin, Jesse Walton, Sci. Med. 3,	Horse Shoe
Kjellesvig, Kolbeus Ludvig, Premed. 1,	Habana, Cuba
Kjellesvig, Pedro Pablo, Arts 2,	Habana, Cuba
Klein, Norman Burkhardt, Comm. 1,	Cleveland, Ohio
Knight, Lonnie Aren, Law 1,	Laurinburg
Knoefel, Arthur Eugene, Jr., Arts 4,	Black Mountain
Knoop, Frederick, Jr., Mech. Engg. 1,	Washington, D. C.
Knott, James Robert, Comm. 1,	Tallahassee, Fla.

Koch, Frederick Henry, Jr., Arts 1,	Chapel Hill
Kochtitzky, Oscar Wilbur, Jr., Civ. Engg. 1,	Wilson
Koenig, William Smith, Arts-Laws 3,	Greensboro
Koonce, Carroll Hunner, Arts 1,	Wilmington
Koonce, Edward Everett, Med. 2,	Wilmington
Koonce, John Franklin, Phar. 3,	Jacksonville
Koonts, Archibald Alva, Phar. 3,	Cooleemee
Kramer, Harry Edward, Comm. 2,	Vineland
Krauss, Frederick Carville, Elec. Engg. 1,	Asheville
Krider, James Hodge, Arts 1,	Salisbury
Kuralt, Wallace Hamilton, Comm. 2,	Springfield, Mass.
Kushner, Robert Lee, Predent. 1,	Danville, Va.
Kusnitz, Morris, Jr., Sci. Med. 3,	Bridgeport, Conn.
Kuykendal, Franklin Banks, Jr., Civ. Engg. 3,	Matthews
Kyles, Paul, Predent. 1,	Statesville
Laidlaw, Clyde Thomas, Comm. 2,	Marion
Lancaster, Lawrence Earl, Law 1,	Vanceboro
Lancaster, Robert Strange, Premed. 1,	Vanceboro
Lancaster, Wade Lee, Arts-Educ. 1,	Wilson
Lane, Benjamin Benson, Jr., Civ. Engg. 2,	Chapel Hill
Lane, Patrick Henry, Arts 2,	Bishopville, S. C.
Lane, William Hooks, Sci. Med. 2,	Stantonsburg
Laney, K. B., Law 1,	Monroe
Lang, John Albert, Arts 3,	Carthage
Langsam, Alexander, Sci. Med. 2,	New York, N. Y.
Lanier, Dayton Jay, Civ. Engg. 3,	Maple Hill
Lankford, Robert Hamilton, Arts 1,	Mountain Park
Lassiter, Claude Shinn, Comm. 4,	High Rock
Lassiter, James Harry, Arts 4,	Charlotte
Lassiter, Moses Dow, Jr., Comm. 3,	Greenville
Lateiner, Alfred, Comm. 1,	New Rochelle, N. Y.
Lathan, Ray William, Arts-Educ. 2,	Monroe
Latta, Henry Clay, Jr., Comm. 1,	Raleigh
Laughlin, Robert Mangum, Arts 3,	Lexington
Lawrence, Ann deTreville, Arts 4,	Raleigh
Lawrence, Alfred Stratton, Jr., Arts 2,	Chapel Hill
Lawrence, William Norris, Comm. 2,	Asheville
Lawson, George William, Arts 4,	Chapel Hill
Layton, James Sexton, Arts 1,	Clayton
Lazarus, Frank Mortimer, Comm. 3,	Raleigh
Lea, Frank Wright, Jr., Arts 4,	Wilson
Lea, Mebane Thomas, Arts 2,	Wilson
Lea, Sydney Longstreth Wright, Arts 1,	Mt. Airy
Leary, Olley Leonard, Arts-Educ. 1,	Old Trap
Leath, MacLean Bacon, Jr., Arts 4,	Rockingham
Ledbetter, Charles McIver, Civ. Engg. 3,	Dome

- Lee, Henry Neill, Arts Spec.
 Lee, Poli Gardner, Arts 1,
 Leffler, Arthur Leonard, Arts-Educ. 1,
 Leggett, Percy Ormond, Arts-Educ. 2,
 Leiby, George Martin, Med. 2,
 Lennon, Carl Hatcher, Jr., Arts-Educ. 3,
 Lentz, Paul John, Arts-Educ. 1,
 Leonard, Roby Clinton, Arts 3,
 Levings, George Edward, Law 1,
 Grad. U. S. Mil. Acad., 1927.
 Levitt, Robert Oscar, Comm. 1,
 Lewis, Fred Gordon, Arts 1,
 Lewis, George Wesley, Arts-Educ. 3,
 Lewis, Hansard Strand, Sci. Med. 1,
 Lewis, John Baker, Law 2,
 Lewis, Leonard Daniel, Comm. 3,
 Lewis, Luther Murray, Arts-Educ. 3,
 Lewis, Matt Ransom, Phar. 2,
 Libbus, Thomas Anthony, Phar. 3,
 Liles, Graham Allen, Comm. 1,
 Lilly, Lilly Underwood, Arts-Educ. 4,
 Lindley, John Van, Arts 2,
 Lindsay, William Samuel, Comm. 2,
 Lindsey, James Henry, Comm. Spec.
 Lingerfeldt, Robert Dewey, Arts-Educ. 3,
 Linker, Julius Dodd, Arts 2,
 Linn, James Birney, Law 2,
 Lipscomb, Edward Russell, Comm. 2,
 Liskin, Philip, Comm. 1,
 Little, Arthur Dillard, Arts 2,
 Little, Franklin, Arts 2,
 Little, Howard Q. L., Premed. 2,
 Little, James Millard, Jr., Arts 2,
 Little, Rufus Reid, Med. 1,
 A.B., 1928.
 Lockhart, George Burgwin, Civ. Engg. 4,
 Lockwood, Frederick Clare, Arts-Educ. 1,
 Lohnes, James Thompson, Jr., Arts 3,
 Lohr, Dermott, Sci. Med. 3,
 London, Henry Mauger, Jr., Arts 1,
 London, John Haughton, Arts 2,
 London, Lawrence Foushee, Arts 2,
 Long, Edwin Godwin, Jr., Civ. Engg. 2,
 Long, George Attmore, Arts-Laws 3,
 Long, James Henry, Comm. 4,
 Long, Joseph Wallace, Arts-Educ. 1,
 Lumberton
 Benson
 Landis
 Scotland Neck
 Chapel Hill
 Rowland
 Stony Point
 Lexington
 Moorhead, Miss.
 Brooklyn, N. Y.
 Beaufort
 Marshallberg
 Fairmont
 Farmville
 Hendersonville
 Faison
 Atkinson
 New Bern
 Wilson's Mill
 Albemarle
 Greensboro
 Camden, S. C.
 Rocky Mount
 Bessemer City
 Salisbury
 Needham, Mass.
 Greensboro
 New Rochelle, N. Y.
 Thomasville, Ga.
 Tryon
 Conover
 Winston-Salem
 Greensboro
 Charlotte
 Asheville
 Valley Falls, N. Y.
 Lexington
 Raleigh
 Pittsboro
 Pittsboro
 Roxboro
 Graham
 Mebane
 Forest City

- Longest, Edward Cecil, Arts-Educ. 1,
 Lore, Ralph Eli, Med. 1,
 A.B., 1925.
 Love, George Waverly, Arts-Educ. 3,
 Love, Marian Sumpter, Premed. 1,
 Love, Robert Andrew, Jr., Arts 4,
 Loveland, Lewis Joseph, Arts 1,
 Loven, Andrew Witherspoon, Arts 1,
 Lowery, Edwin Lawrence, Mech. Engg. 3,
 Lowrance, Lawson Henry, Comm. 1,
 Lowry, Roy Frank, Arts-Educ. 3,
 Lowry, Walter Guinn, Jr., Arts-Educ. 3,
 Loy, Dan Willies, Arts-Educ. 1,
 Lucas, William Elijah, Arts-Educ. 1,
 Lufty, Napoleon Bonaparte, Arts 3,
 Lupton, Carroll Crescent, Med. 1,
 Lurie, Randolph Glick, Law 1,
 Lynch, Stephen Andrew, Jr., Comm. 1,
 Lyon, Homer LeGrand, Jr., Arts 3,
 Mabrey, William Preston, Jr., Comm. 2,
 Mabrey, Robert Cline, Arts 1,
 McAlister, Frances Mayfield, Arts 4,
 McAlister, John Worth, Comm. 1,
 McAllister, Harmon Carlyle, Premed. 1,
 McBryde, John McLaren, Jr., Arts 3,
 McCain, David Ramon, Arts-Educ. 4,
 McCall, Owen Jasper, Elec. Engg. 2,
 McCall, William Herbert, Arts-Educ. 3,
 McCannless, John Hancock, Arts 2,
 McClelland, Emily Madison, Arts-Educ. 4,
 McClelland, John Irwin, Arts 1,
 McClure, David Craig, Arts-Educ. 1,
 McCombs, Loy Macon, Phar. 1,
 McCone, Howard Thomas, Arts 4,
 McConky, Amos Fitz-Godfrèy, Arts 1,
 McConnell, Samuel, Jr., Arts 2,
 McCorkle, James Melvin, Comm. 4,
 McCormick, George Harold, Chem. Engg. 2,
 McCotter, Dewitt Clinton, Jr., Comm. 3,
 McCullen, Oates, Arts 4,
 McDaniel, George Dawson, Law 2,
 A.B., 1927.
 McDaniel, Millard Taft, Arts-Educ. 1,
 McDonald, James Lee, Comm. 2,
 McDowell, Bradford, Arts 2,
 McEachern, Duncan Roland, Med. 1,
 B.S., Davidson Col., 1928.
- Beaufort
 Lincolnton

 Horse Shoe
 Danville, Va.
 Gastonia
 North Tonawanda, N. Y.
 Cold Spring
 Wingate
 Catawba
 Hickory
 Pineville
 Burlington
 Seagrove
 Greensboro
 Hillsboro
 Dothan, Ala.
 Asheville
 Whiteville
 Concord
 Concord
 McCormick, S. C.
 Winston-Salem
 Mt. Pleasant
 New Orleans, La.
 Newport
 Fayetteville
 Murphy
 Salisbury
 Maxton
 Oak Park, Ill.
 Forest City
 Salisbury
 Chapel Hill
 New Haven, Conn.
 Water Mill, N. Y.
 Charlotte
 Greensboro
 Cash Corner
 Faison
 Chapel Hill

 Badin
 West Asheville
 Tarboro
 Wilmington

McEachern, Edward Merritt, Law 2,	Wilmington
McEntire, Henry Grady, Comm. 4,	Chapel Hill
McFadyen, Alvan Robbins, Arts-Educ. 3,	Fayetteville
McFadyen, Elwood Adalpa, Predent. 1,	Wilmington
MacFadyen, Mary, Med. 2,	Greensboro
A.B., N. C. Col. for Women, 1927.	
McGalliard, Harry Woodrow, Arts 4,	Chapel Hill
McGhee, William Reece, Arts-Educ. 2,	Angier
McGinnis, Roy, Law 1,	Gastonia
McGlamery, Dillard Martin, Mech. Engg. 1,	Greensboro
McGlamery, Wylie Hampton, Jr., Comm. 2,	Greensboro
McGlohon, Daniel Richard, Jr., Arts 3,	Winton
McGowan, Andrew Dixon, Comm. 2,	Wilson
McGowen, Hugh Dixon, Premed. 1,	Wallace
McGraw, Frank Gibbons, Arts 1,	Aberdeen
McHargue, Raymond Lee, Arts-Educ. 2,	Statesville
McInnis, Ernest Clewell, Arts 3,	Clio, S. C.
McIntosh, Andrew Campbell, Jr., Law 3,	Chapel Hill
A.B., 1927.	
McIntosh, Donald Munro, Jr., Arts 4,	Old Fort
McIntosh, Oliver Kuropatkin, Arts-Educ. 2,	Barber
McIver, Claude Robert, Arts-Educ. 2,	Summerfield
McIver, Henry Staton, Civ. Engg. 1,	Summerfield
McIver, James Webb, Comm. 3,	Mebane
McIver, Robert Mebane, Arts-Educ. 2,	Mebane
MacKay, Eunice Stacy, Arts 4,	Wilson
McKay, Helen Olivia, Arts 3,	Orangeburg, S. C.
McKee, Lewis Middleton, Sci. Med. 3,	Durham
McKenzie, John Covington, Arts-Educ. 1,	Linden
MacKethan, Crawford Biggs, Comm. 2,	Fayetteville
MacKethan, Edwin Robeson, Jr., Law 2,	Fayetteville
S.B. in Commerce, 1928.	
McKinne, Olivia, Arts 3,	Louisburg
McKinney, Clyde Vernon, Arts-Educ. 2,	Reidsville
McKinney, William Merrimon, Jr., Civ. Engg. 3,	Greensboro
McKinnon, Edward Haywood, Jr., Comm. 1,	Rowland
McKinnon, Lauchlin Wellington, Premed. 1,	Maxton
McLamb, Nathan Orman, Premed. 1,	Salemberg
McLaughlin, Calvin Sturgis, Arts 3,	Charlotte
McLaughlin, Tad Lincoln, Sci. Chem. 1,	Mercersburg, Penna.
McLawhorn, Haywood Ammorio, Arts-Educ. 2,	Greenville
McLean, Edward Price, Civ. Engg. 1,	Moultrie, Ga.
McLeod, Alpheus Hinton, Arts 1,	Lumberton
McLeod, Joseph Patton, Phar. 1,	Davidson River
McLeod, Mary Margaret, Sci. Med. 1,	Sanford
McLeod, Ollen D., Sci. Med. 2,	Raleigh
McMichael, Jule, Arts 1,	Wentworth

- McMinis, Walter Curtis, Comm. 1,
 McMullan, John Brockett, Law 2,
 McNairy, James David, Jr., Arts 1,
 McNeely, Samuel Stevenson, Jr., Comm. 3,
 McNeil, John Milton, Arts 4,
 McNeill, Arthur Dennis, Phar. 2,
 McNeill, Edward Alexander, Arts 3,
 McNinch, Frank Ramsay, Jr., Law 1,
 McNulty, Robert Blakeley, Precent. 2,
 McNulty, Walter Eugene, Jr., Arts 3,
 McPherson, Garland, Arts 3,
 McPherson, William Primrose, Elec. Engg. 2,
 McRacken, Angus Raymond, Arts-Educ. 3,
 MacRae, Cameron Farquhar, Jr., Arts 1,
 McVitty, Albert Elliott, Jr., Arts 2,
 Mackey, Frank, Comm. 3,
 Mackie, Edgar Berry, Arts-Educ. 4,
 Madry, Claudius Jarratte, Sci. Med. 2,
 Madry, James David, Comm. 1,
 Magner, James Edward, Law 2,
 Malone, Jones Fuller, Arts 2,
 Malone, Wex Smathers, Law 1,
 A.B., 1928.
 Manbeck, Willard Orlan, Comm. 2,
 Maness, Riley Colon, Phar. 1,
 Maney, William Robert, Comm. 4,
 Mangum, Charles Staples, Jr., Law 2,
 A.B., 1927.
 Mann, Arthur Seldon, Sci. Med. 3,
 Mann, Edmund Spéncer, Comm. 1,
 Mann, Edward Walker, Arts-Educ. 4,
 Mann, Frank, Arts-Educ. 1,
 Manning, Edwin Haus, Arts-Educ. 1,
 Manning, Isaac Hall, Jr., Arts 2,
 Manthey-Zorn, William, Arts 4,
 Markham, Harold Theodore, Premed. 1,
 Marley, Willard McCoy, Arts 1,
 Marpet, Arthur Robert, Arts 2,
 Marsh, Steve Parker, Sci. Geol. 1,
 Marshall, Alan Ashworth, Arts 2,
 Marshall, Byron Ashley, Comm. 4,
 Marshall, Basil Humphrey, Jr., Arts 4,
 Marshall, James Flournoy, Med. 2,
 A.B., 1927.
 Marshall, John Oliver, Arts 4,
 Marshall, Robert Dewey, Arts-Educ. 3,
 Marshall, Richard William, Comm. 1,
 Red Springs
 Elizabeth City
 Greensboro
 Charlotte
 Millers Creek
 Fair Bluff
 Jefferson
 Charlotte
 Columbia, S. C.
 Columbia, S. C.
 High Point
 Raleigh
 Shannon
 Richmond, Va.
 Bryn Mawr, Penna.
 Camden, S. C.
 Granite Falls
 Scotland Neck
 Scotland Neck
 Philadelphia, Penna.
 Henderson
 Asheville
 Cleveland Heights, Ohio
 Biscoe
 Biltmore
 Chapel Hill
 Elizabeth City
 Lake Landing
 Snow Camp
 Bynum
 Jamesville
 Chapel Hill
 Amherst, Mass.
 Jackson Springs
 Goshen
 Westchester, N. Y.
 Marshville
 Wilmington
 Guilford College
 Wilmington
 Leaksville
 Wilmington
 Granite Falls
 High Point

Marshall, Thomas Edmunds, Jr., Comm. 1,	Rocky Mount
Marshall, William Leak, Jr., Arts 4,	Wadesboro
Martin, Albert Hugh, Arts 2,	Monongah, W. Va.
Martin, James Robert, Premed. 1,	Mt. Airy
Martin, Richard Edwin, Comm. 2,	Roanoke Rapids
Martin, Richard Wilson, Law 3,	Norfolk, Va.
Mason, Clarence Herbert, Arts-Educ. 3,	Newport
Mason, Walter LaFayette, Jr., Arts-Educ. 1,	Mebane
Mass, Dominic Alfred, Arts-Educ. 1,	Bellaire, Ohio
Massenburg, Walter Boyd, Elec. Engg. 4,	Warrenton
Massey, Otho Ralph, Arts 2,	Alderson, W. Va.
Matthews, Charles Odell, Arts-Educ. 2,	Kernersville
Matthews, Frank Egan, Comm. 4,	Goldsboro
Matthews, James Davie, Phar. 2,	Aberdeen
Matthews, James Lewis, Arts-Educ. 4,	Chapel Hill
Matthews, Millender Maxwell, Chem. Eng. 1,	Asheville
Matthews, Robinson Emmons, Chem. Engg. 4,	Clinton
Mattocks, Philip Ward, Sci. Geol. 2,	Gillett
Maulden, Paul Ranzo, Med. 1,	Kannapolis
B.S., Davidson College, 1928.	
Mauney, Clyde David, Comm. 2,	Cherryville
Mauney, Robert Lee, Law 1,	Salisbury
Maus, James Reginald, Arts 3,	Greensboro
Mayhew, Donald Camp, Arts 2,	Ithaca, N. Y.
Maynard, Walter, Jr., Arts 1,	Altamahaw
Maynor, Henry, Arts 2,	Monroe
Mazyck, Henry deChastaignier, III, Arts 2,	Louisville, Ky.
Meador, Cardwell Cameron, Comm. 3,	Burlington
Meads, Glenwood Crowder, Law 2,	Weeksville
Mebane, John Harrison, Arts 3,	Greensboro
Mebane, William Carter, Jr., Med. 1,	Wilmington
Mechem, Harry deMeant, Sci. Geol. 2,	North Wilkesboro
Medford, William Clinton, Arts 2,	Rainbow Springs
Mehaffey, John P., Comm. 1,	Newton
Melick, Anne Cambreleng, Arts-Educ. 3,	Elizabeth City
Melson, Roland Jennings, Comm. Spec.	Portsmouth, Va.
Mendenhall, Edward Emerson, Jr., Comm. 3,	Greensboro
Mendenhall, Paul A. Stratford, Arts-Educ. 3,	Greensboro
Mercer, Albert Lewis, Arts-Educ. 3,	Beulaville
Mercer, Grady, Arts-Educ. 3,	Beulaville
Merrell, Herman Stroupe, Comm. 2,	Fairview
Merrell, Earle Edwin, Phar. 3,	Southern Pines
Merritt, Hugh Leonidas, Comm. 4,	Mt. Airy
Merritt, Robert Charles, Jr., Law 1,	Wilmington
Merritt, William Daniel, Jr., Arts 2,	Roxboro
Merritt, William Edgar, Arts-Educ. 3,	Chapel Hill

Metz, James Allan, Arts 4,	Denver, Colo.
Mewborn, John Moses, Med. 1,	Snow Hill
Mewborne, John Franklin, Arts 1,	Kinston
Meyers, Hyman, Comm. 1,	Goldsboro
Meyerson, Eugene Harry, Mech. Engg. 1,	Floral Park, N. Y.
Michael, Alan White, Arts 2,	Talladega, Ala.
Michal, William Norwood, Elec. Engg. 4,	Canton
Midgett, Ernest Leeland, Mech. Engg. 1,	Kitty Hawk
Midgett, Lorimer Willard, Arts-Educ. 1,	Elizabeth City
Miles, Hulburd delaHaye, Comm. 2,	Asheville
Miles, Ralph Eugene, Arts-Educ. 1,	Bellaire, Ohio
Millar, Dell Webb, Jr., Sci. Med. 3,	Aulander
Millender, Stephen Henry, Arts 3,	Asheville
Miller, Dwight Skeen, Arts 1,	Biscoe
Miller, Henry Haywood, Arts-Educ. 4,	Salisbury
Miller, Hubert Russell, Arts 1,	Middletown, Conn.
Miller, Jack, Sci. Phar. 1,	Bronx, N. Y.
Miller, John Edward, Arts-Educ. 1,	Winston-Salem
Miller, James Ivan, Arts-Educ. 3,	Louisburg
Miller, John Marion, Sci. Med. 1,	Savannah, Ga.
Miller, John Richard, Comm. 1,	Kinston
Miller, Lawrence Lee, Comm. 1,	Charlotte
Miller, Maurice, Arts 2,	Yonkers, N. Y.
Miller, Ralph Edwin, Arts 4,	North Wilkesboro
Mills, Bonner Sutherland, Jr., Comm. 2,	Greenville, S. C.
Mills, John Wells, Arts 4,	Louisburg
Mills, William Robert, Jr., Elec. Engg. 2,	Louisburg
Milton, Abby Crawford, Arts Spec.	Chattanooga, Tenn.
Minchener, Grace Lee, Arts 4,	Troy, Ala.
Minden, Bendix Simeon, Premed. 3,	New York, N. Y.
Mitchell, Adolphus, Civ. Engg. 3,	Kinston
Mitchell, Averette Jack, Arts 1,	Fairmont
Mitchell, Joseph Quincy, Arts 4,	Fairmont
Mitchell, Joseph Stonewall, Jr., Phar. 1,	Draper
Mitchelle, James Mebane, Comm. 4,	Yanceyville
A.B., 1928.	
Mock, Charles Glenn, Premed. 1,	Spencer
Mohorn, James Ray, Arts-Educ. 2,	Littleton
Monroe, Albert Rother, Sci. Geol. 2,	Salisbury
Monroe, Robert Francis, Med. 2,	Hamlet
Monteith, Janie Lillian, Arts-Educ. 4,	Huntersville
Montgomery, Wesley Lee, Arts-Educ. 3,	Bunn
Moody, Charles Stowe, Arts 2,	Charlotte
Moody, George Dugald, Arts 2,	Charlotte
Moore, Albert Lynwood, Comm. 1,	Scotland Neck
Moore, Beverly Cooper, Arts 2,	Greensboro
Moore, Charles Jacob, Comm. 4,	Thomasville

Moore, Davis Lee, Arts-Educ. 3,
 Moore, Frederick Carr, Elec. Engg. 1,
 Moore, Frederick Howard, Comm. 2,
 Moore, James Ashby, Civ. Engg. 3,
 Moore, James Edwin, Comm. 1,
 Moore, James Osborne, Prelaw 1,
 Moore, Lemuel Wadsworth, Comm. 2,
 Moore, Richard Henry, Civ. Engg. 3,
 Moore, Roy Hardin, Med. 2,
 Moore, Stephanie, Arts-Educ. 3,
 Moore, William Benjamin, Arts-Educ. 2,
 Moore, William Walter, Comm. 2,
 Mooring, Hattie Belle, Spec.
 Moretz, Robert McCoy, Comm. 2,
 Morgan, Artis Mock, Civ. Engg. 4,
 Morgan, George, Jr., Comm. 2,
 Morgan, Gladys, Med. 1,

A.B., Lenoir-Rhyne Col., 1925; A.M., 1927.

Morgan, Karl Ziegler, Arts 4,
 Morgan, Roscoe Howard, Arts 2,
 Morgan, William Brewer, Comm. 3,
 Morgan, William Gardner, Med 2,

A.B., 1927.

Morisey, James Kenan, Comm. 2,
 Morreale, Leonard, Predent. 1,
 Morris, Claudius Steadman, Arts 4,
 Morris, Joseph Falls, Sci. Med. 1,
 Morrison, John Brady, Comm. 4,
 Morton, Harmon Whitehurst, Arts-Educ. 4,
 Moseley, Herbert Everett, Jr., Arts-Educ. 1,
 Moser, Bradford Franklin, Comm. 2,
 Moser, Robert Lee, Arts-Educ. 1,
 Moses, Walter Lauren, Arts 4,
 Mount, Alfred Alexander, Comm. 2,
 Moyer, Jesse Rountree, Jr., Arts 4,
 Moyer, William Shelburn, II, Arts-Laws 1,
 Mullen, Francis Newby, Jr., Med 2,

A.B., 1927.

Mullen, Joseph Homer, Arts 1,
 Munch, Ralph Howard, Sci. Chem. 2,
 Munyan, William Downey, Arts 2,
 Murphy, John Raymond, Sci. Chem. 3,
 Murphy, Robert Long, Arts 3,
 Murphy, Sallie Chessie, Arts-Educ. 3,
 Myers, Robert Edwin, Comm. 2,
 Myers, Ruby Jane, Arts-Educ. 3,
 Myers, William Turelius, Comm. 1,

Stokes
 Farmville
 Stantonsburg
 Scotland Neck
 Wilmington
 Charlotte
 Petersburg, Va.
 Battleboro
 Waynesville
 Faison
 Reidsville
 Rocky Mount
 LaGrange
 Boone
 Albemarle
 Wilson
 Salisbury

Salisbury
 Marshville
 Pittsboro
 Benson

Clinton
 Brooklyn, N. Y.
 Salisbury
 Charlotte
 Statesville
 Jacksonville
 Kinston
 Waxhaw
 Waxhaw
 Durham
 College Point, N. Y.
 Greenville
 Rocky Mount
 South Mills

Spring Hope
 Chapel Hill
 High Point
 Laurinburg
 Salisbury
 Louisburg
 High Point
 Yadkinville
 Charlotte

- Napier, William Benjamin, Arts 2,
 Nash, Edmund Strudwick, Jr., Comm. 2,
 Nazareno, Alfredo, Arts-Laws 2,
 Neely, Edgar Adams, Jr., Arts 2,
 Neiman, David, Arts-Educ. 2,
 Nelson, Herbert Andrews, Civ. Engg. 2,
 Nelson, John Basil, Phar. 3,
 Nesbitt, Benjamin Franklin, Arts-Educ. 2,
 Nettles, Herbert Robert, Sci. Med. 3,
 Neville, Benjamin Holland, Arts 1,
 Newbern, Copeland Davis, Sci. Med. 1,
 Newman, George Franklin, Jr., Comm. 2,
 Newsom, Jesse Strickland, Mech. Engg. 2,
 Newton, Edwin Carlton, Arts-Educ. 1,
 Nichols, George Conrad, Sci. Med. 2,
 Nickels, Peggy Eliabeth, Arts-Educ. 4,
 Nicks, Enita, Sci. Geol. 3,
 Niemyer, Herbert Alexander, Premed. 1,
 Grad. U. S. Naval Academy, 1923.
 Nims, David Anderson, Elec. Engg. 3,
 Noble, Robert Primrose, Jr., Comm. 2,
 Noe, Thomas Pasteur, Jr., Civ. Engg. 2,
 Nooe, Frederick Parker, Jr., Arts-Educ. 2,
 Norman, William Howard, Arts 2,
 Norris, James Lloyd, Civ. Engg. 2,
 Norwood, John Wilkins, Jr., Arts 4,
 Norwood, William Snipes, Jr., Arts-Educ. 1,
 O'Brien, John Vincent, Law 1,
 O'Donnell, Hubert Haywood, Comm. 1,
 O'Neil, Frank Church, Arts 2,
 O'Neill, Frank Quale, Civ. Engg. 2,
 Oakes, Elton Sterling, Elec. Engg. 2,
 Oldham, Clarence Grady, Sci. Geol. 3,
 Oliver, Charity Crowell, Sci. Chem. 2,
 Oliver, George Motley, Premed. 2,
 Oliver, Robert Mitchell, Sci. Med. 3,
 Olmsted, Warren Fizzell, Arts 1,
 Ormand, Robert James, Arts-Educ. 4,
 Ormond, Benjamin Willis, Comm. 4,
 Ornstein, Benjamin Readerman, Sci. Med. 1,
 Outland, Edgar Francis, Predent. 2,
 Overby, Durward Russell, Sci. Med. 1,
 Overby, Mack David, Arts-Educ. 1,
 Overcash, Faye Wilma, Arts-Educ. 4,
 Overman, Bruce Howland, Sci. Med. 1,
 Owen, Elmer Wallace, Arts-Educ. 1,
 Owens, Frank Neely, Comm. 1,
 Wilmington
 Charleston, S. C.
 Manila, P. I.
 Atlanta, Ga.
 Charlotte
 Oak Park, Ill.
 Randleman
 Fairview
 Arden
 Whitakers
 Jarvisburg
 Greensboro
 Sandersville, Ga.
 Fountain
 Sylva
 Burlington
 Graham
 Hamlet
 Mt. Holly
 Raleigh
 Chapel Hill
 Pittsboro
 Raleigh
 Dunn
 Greenville, S. C.
 Bynum
 Elmira, N. Y.
 Raleigh
 Henderson
 Charleston, S. C.
 Springfield, Mass.
 Chapel Hill
 Whiteville
 Yanceyville
 Dillon, S. C.
 Southern Pines
 Bessemer City
 Dover
 Philadelphia, Penna.
 Rich Square
 Hobgood
 Benson
 Statesville
 Elizabeth City
 Leaksville
 Charlotte

Owens, Golden Kermit, Elec. Engg. 1,	Fountain
Oxman, Bertram Sidney, Premed. 2,	New York, N. Y.
Pace, Samuel Eugene, Med. 1,	Leaksville
Packard, Reginald Prescott, Comm. 2,	Watertown, Mass.
Paddison, Alfred Howard, Predent. 1,	Nashville
Page, Julius Andrew, Sci. Med. 1,	Chapel Hill
Page, Jesse Wode, Arts 2,	Marietta
Page, Ruth, Arts-Educ. 3,	Marietta
Page, Stuart Cromwell, Arts-Educ. 1,	Stokes
Palmer, Kelly Neil, Comm. 2,	Salemberg
Palmer, Shellie Everett, Arts-Educ. 2,	Rockwell
Palmer, William Anderson, Arts 2,	Warrenton
Palmore, Julian Ivanhoe, Jr., Civ. Engg. 3,	College Park, Md.
Paret, Rufus Story, Arts 2,	New York, N. Y.
Parham, John Marshall, Arts Spec.	Charlotte
Park, John Alrey, Jr., Arts 1,	Raleigh
Park, Milton Purcell, Comm. 2,	Greensboro
Parker, Bartholomew Moore, Law 1,	Raleigh
Parker, Charles Quinton, Arts-Educ. 1,	Four Oaks
Parker, Haywood, Jr., Arts 4,	Asheville
Parker, Henry Bryce, Law 1,	Monroe
Parker, Harry Oliver, Comm. 3,	Raleigh
Parker, Howard Taylor, Arts-Educ. 3,	Garysburg
Parker, Jesse Nicholas, Jr., Sci. Chem. 3,	Charlotte
Parker, John William, Arts-Educ. 3,	Murfreesboro
Parker, Lois Marie, Arts-Educ. 3,	Murfreesboro
Parker, Ogden, Law 2,	Goldsboro
Parker, William Carey, Arts 3,	Raleigh
Parker, William Harrison, Predent. 2,	Lenoir
Parks, John Gilmore, Comm. 4,	West Durham
Parks, Walter John, Jr., Civ. Engg. 4,	Swannanoa
Parrish, Leland Frederic, Phar. 3,	Smithfield
Parrish, Roy Beekwith, Arts 2,	Clayton
Parrish, Willard Lee, Jr., Comm. 1,	Rocky Mount
Parrott, James Frank, Jr., Comm. 2,	Kinston
Parsley, Robert Aubrey, Jr., Mech. Engg. 2,	Wilmington
Parsons, Thomas Leake, Jr., Comm. 1,	Greensboro
Pate, Matthew Kent, Comm. 4,	Burlington
Patrick, Jack Quinerly, Arts-Educ. 4,	Grafton
Patten, Paul Raymond, Comm. 3,	New Bern
Patterson, Arthur Low, Comm. 4,	Albemarle
Patterson, Edwin Lemuel, Comm. 3,	Statesville
Patterson, Floyd Eugene, Arts-Jour. 1,	Enfield
Patterson, Henry Newton, Comm. 2,	High Point
Patterson, Junius Gustavus, Arts 4,	Charlotte
Patterson, Raymond Orell, Arts-Educ. 1,	Pineville

- Paul, Elliott Marvin, Arts 2,
 Paxton, Branche Edwards, Comm. 2,
 Payne, Robert Glenn, Arts-Educ. 4,
 Payne, Virginia, Arts 3,
 Peace, Samuel Thomas, Arts 1,
 Peacock, Ben Aycock, Arts 4,
 Peacock, Lucian Allen, Arts-Educ. 4,
 Pearce, William Elliott, Comm. 2,
 Pearlstine, Floyd Jacobs, Arts 1,
 Pearson, Thomas Gilbert, Jr., Arts 1,
 Peebles, Calvert Goosley, Jr., Elec. Engg. 1,
 Peele, Alfred Mendenhall, Civ. Engg. 4,
 Peele, James Clarendon, Sci. Med. 1,
 Peeler, Arthur Gregory, Comm. 2,
 Pegram, Laurence Lee, Arts-Educ. 1,
 Pemberton, William Beall, Sci. Med. 2,
 Pendergraft, Gradon O'Kelley, Comm. 3,
 Penn, Edrington Spencer, Comm. 1,
 Pennington, George Edward, Jr., Comm. 2,
 Pennington, Horace, Jr., Premed. 1,
 Perez, Armando Mendez, Elec. Engg. 2,
 Perkins, Alonzo Reid, Comm. 1,
 Perkins, Edwin Marvin, Arts 4,
 Perkins, Julian Lawrence Arts 3,
 Perkins, Paul Kermit, Med. 2,
 A.B., 1927.
 Perry, Alton Whitmar, Arts-Educ. 2,
 Perry, William Alva, Chem. Engg. 3,
 Perry, William DeCatur, Arts-Educ. 4,
 Person, Edgar Cooper, Arts 2,
 Peschau, John Bauman, Jr., Arts 1,
 Petree, Carl Lee, Mech. Engg. 3,
 Pettus, Samuel Atwell, Comm. 4,
 Petty, William Calvin, Arts 1,
 Pfaff, Eugene Edwin, Arts-Educ. 2,
 Pfuntner, Carl Herman, Arts 2,
 Phillips, Clinton Burt, Predent. 2,
 Phillips, Coy Tatum, Arts-Educ. 2,
 Phillips, Lee Preston, Arts-Educ. 1,
 Phillips, William Arthur, Comm. 3,
 Phillips, William Louis, Arts 4,
 Phoenix, Clarence Beall, Predent. 1,
 Pierce, George Norman, II, Civ. Engg. 1,
 Pittano, John Baptist, Mech. Engg. Spec.
 Pittman, Francis Willard, Arts-Educ. 2,
 Piver, Edward Lee, Arts-Educ. 4,
 Pembroke
 Greenville, S. C.
 Granite Falls
 Dickson, Tenn.
 Henderson
 Fremont
 Benson
 Greensboro
 Charleston, S. C.
 New York, N. Y.
 Hubert, Ga.
 Guilford College
 LaGrange
 Salisbury
 Hamlet
 Greensboro
 Chapel Hill
 Reidsville
 Tarboro
 Greensboro
 Habana, Cuba
 Greensboro
 Brevard
 Stokes
 Pikeville
 Washington
 Burlington
 Elizabeth City
 Pikeville
 Atlanta, Ga.
 Winston-Salem
 Charlotte
 Charlotte
 Pfafftown
 Fort Lauderdale, Fla.
 West Asheville
 Winston-Salem
 Siler City
 Grifton
 Laurinburg
 Greensboro
 Derby, N. Y.
 Morsano al Tagliamento, Italy
 Fairmont
 Beaufort

- Pleasant, John Gerald, Arts-Educ. 2,
 Pleasants, Clifton Edward, Comm. 2,
 Pleasants, Graydon Oliver, Arts 3,
 Pleasants, William Walton, Phar. 2,
 Plumly, Lindsay Catlin, Comm. 2,
 Plummer, Robert Crowley, Mech. Engg. 2,
 Pollock, Louie Earl, Comm. 4,
 Ponder, Reid Thompson, Arts-Educ. 2,
 Poole, Garland Floyd, Comm. 2,
 Poole, James Gregory, Sci. Med. 3,
 Pope, Clarence Hatcher, Arts-Educ. 4,
 Pope, Walter N., Sci. Chem. 3,
 Poplin, Robert Lemuel, Sci. Chem. 2,
 Poplin, William Roscoe, Comm. 1,
 Porter, Francis Ross, Comm. 3,
 Potter, Charles Taylor, Prelaw 1,
 Potter, Douglas Tatum, Arts 3,
 Potter, James Harper, Arts 1,
 Potter, William Hollister, Arts 3,
 Powell, Eppie Charles, Sci. Med. 1,
 Powell, Herman Sutton, Med. 2,
 Powell, Henry Thurman, Law 1,
 A.B., Davidson College, 1928.
 Poyner, Graham Burgess, Arts-Educ. 4,
 Prescott, William Roulhae, Jr., Arts 4,
 Presson, Samuel Lee, Arts 4,
 Preston, Stanley Wales, Comm. 4,
 Pretlow, Jack Cook, Comm. 1,
 Pretlow, James Paddison, Comm. Spec.
 Prevatt, Richard Montgomery, Arts-Educ. 2,
 Prevatte, Richard Willis, Arts 1,
 Prevost, John Aaron, Comm. 2,
 Prevost, Whitener Harris, Comm. 3,
 Price, Charles, Law 1,
 A.B., 1928.
 Price, Henkel Moser, Sci. Med. 3,
 Price, James Curtis, Arts-Educ. 4,
 Price, Richard Quecella, Arts-Educ. 2,
 Pridgen, Forrest Battle, Sci. Geol. 3,
 Pringle, John Julius, Arts 4,
 Proctor, David, Comm. 2,
 Proffit, Oliver McNeil, Arts-Educ. 3,
 Prouty, Frederick Morgan, Arts 1,
 Pryor, Opal Susan, Arts-Educ. 3,
 Purcell, James Hopple, Comm. Spec.
 Purser, James Clayton, Arts-Educ. 2,
 Putnam, James Luther, Jr., Comm. 3,
 Angier
 Winston-Salem
 Winston-Salem
 Cary
 Winston-Salem
 Wilmington
 LaGrange
 Weaverville
 Raleigh
 Virgilina, Va.
 Rose Hill
 Wadesboro
 Statesville
 Elkin
 Monroe
 New Bern
 Palm Beach, Fla.
 Snow Hill
 Beaufort
 Middlesex
 Enfield
 Henderson
 Moyock
 Atlanta, Ga.
 Charlotte
 Chapel Hill
 Wilmington
 Wilmington
 Lumberton
 Lumberton
 Hazelwood
 Hazelwood
 Salisbury
 Hickory
 Ellerbe
 Leaksville-Spray
 Creek
 Flat Rock
 Grimesland
 Goshen
 Chapel Hill
 Bear Wallow
 Waynesville
 Unionville
 Lincolnton

- Quickel, John Cephas, Med. 1,
 Quinn, George Joseph, Jr., Civ. Engg. 2,
 Quinn, Robert Carl, Arts 1,
 Race, George Lee, Arts 3,
 Rader, Columbus Merk, Jr., Sci. Med. 1,
 Ragan, Gilbert Turner, Comm. 3,
 Ralston, Richard James, Arts-Educ. 1,
 Ramsay, Gordon Exum, Arts 3,
 Ramsay, Kerr Craige, Arts 2,
 Ramsay, Lida, Arts 4,
 Ramsay, Sterling Clyde, Arts-Educ. 1,
 Ramsden, Howard Trueman, Arts 1,
 Rand, Marshall Dunstin, Arts 2,
 Randell, Ralph Livingstone, Arts 4,
 Raney, Thomas Hansard, Jr., Arts-Educ. 2,
 Rankin, Frederick Cathey, Civ. Engg. 3,
 Ranson, Rebecca Nelle, Arts-Educ. 4,
 Rape, Dowd Laney, Arts-Educ. 2,
 Raper, Julian Ellsworth, Elec. Engg. 2,
 Raper, Kenneth Bryan, Arts 4,
 Rawles, Thomas Carlyle, Arts-Educ. 1,
 Rawlings, Clarence Wilmot, Jr., Comm. 2,
 Rawls, Cyrus Franklin, Comm. 3,
 Rawls, William Fowler, Arts 1,
 Ray, Joseph King, Arts 2,
 Ray, John Wyeth, Arts 4,
 Ray, Lyda Brownlow, Arts-Educ. 2,
 Ray, Robert Lee, Jr., Arts-Educ. 2,
 Ray, Thomas Turner, Prelaw 1,
 Ray, William Benson, Comm. 1,
 Raymer, Augustus Barker, Law 2,
 Raynor, Noah Green, Arts-Educ. 4,
 Rea, John Wren, Premed. 2,
 Reaves, Leonard Erastus, Jr., Phar. 2,
 Rector, Thomas Beatty, Arts-Laws 3,
 Redding, John Charles, Comm. 3,
 Redding, John Oscar, Jr., Med. 2,
 A.B., 1927.
 Redding, Thomas Henry, Comm. 1,
 Redfern, Charles Maurice, Jr., Arts 3,
 Redus, Frank Ewing, Civ. Engg. 2,
 Redwine, Ralph Douthit, Comm. 1,
 Reese, Otto Horace, Comm. 4,
 Reeves, Robert, Arts 2,
 Rehder, Henry Burbank, Comm. 1,
 Reid, Jack Walker, Arts-Educ. 1,
 Gastonia
 East Orange, N. J.
 Raleigh
 Cincinnati, Ohio
 Collettsville
 High Point
 Bellaire, Ohio
 Birmingham, Ala.
 Salisbury
 Atlanta, Ga.
 Beaufort
 Spray
 Garner
 Jamestown, N. Y.
 Chapel Hill
 McAdenville
 Huntersville
 Monroe
 Elizabeth City
 Welcome
 Kinston
 Winston-Salem
 Catherine Lake
 Bayboro
 Leaksville
 Pittsboro
 Micaville
 Selma
 Selma
 Carrboro
 Statesville
 Linden
 Matthews
 Raeford
 Asheville
 Trinity
 Asheboro
 Asheboro
 Monroe
 Memphis, Tenn.
 Charlotte
 Hendersonville
 Cincinnati, Ohio
 Wilmington
 Charlotte

Reid, Paralee, Premed. 1,	Pilot Mountain
Reid, Paul Apperson, Arts-Educ. 4,	Pilot Mountain
Reid, Ralph Connor, Arts-Educ. 3,	Charlotte
Reid, William Gordon, Comm. 1,	Charlotte
Reinhart, John Deitrich, Arts Spec.	Cincinnati, Ohio
Reitzel, Claude Everette, Jr., Law 1,	High Point
A.B., 1926.	
Remsen, Crawford O'Neal, Arts 1,	Durham
Reynolds, Arthur Eugene, Jr., Civ. Engg. 2,	Salisbury
Reynolds, Troxell Crawford, Arts-Educ. 4,	Chapel Hill
Rhame, Edward Clarkson, Comm. 3,	Camden, S. C.
Rhett, Albert Moore, Arts 2,	Charleston, S. C.
Rhinehart, Charles Floyd, Jr., Comm. 3,	Canton
Rhoads, John Peter, Med. 2,	Ashland, Penna.
Rhodes, Paul Heilig, Arts 1,	Albemarle
Rhyne, Leon Little, Chem. Engg. 3,	Dallas
Rhyne, William Lawrence, Arts-Educ. 3,	Bessemer City
Richards, George Francis, Arts 3,	Cranford, N. J.
Richardson, Joseph Phillips, Phar. 3,	Winston-Salem
Ricks, David Peirson, Arts 2,	Hanes
Ricks, Edgar Norman, Jr., Comm. 2,	Mt. Olive
Riddick, Thomas Moore, Civ. Engg. 2,	Gatesville
Rigsbee, Mary Louise, Arts-Educ. 3,	Carrboro
Ring, Louis Jefferson, Med. 1,	Mt. Olive
A.B., 1928.	
Risdon, Sydney Lee, Comm. 2,	Spencer
Ritchie, Barron Lloyd, Comm. 2,	Statesville
Roach, Benjamin Browning, Arts 3,	Whiteville
Roach, George Harold, Comm. 2,	Greensboro
Roach, Robert Lee, Arts-Educ. 1,	Hillsboro
Roane, Henry, Law 1,	Winston-Salem
Roark, Benjamin Franklin, Comm. 1,	Charlotte
Roark, Mary Kathleen, Arts Spec. 3,	Washington, D. C.
Robbins, Enoch Garland, Civ. Engg. 3,	Greensboro
Robbins, Irving Mercer, Comm. 4,	Pinetown
Roberson, Robert Eugene, Arts 1,	Pittsboro
Roberts, Carrollton Arthur, Law 3,	Geneva, N. Y.
Roberts, Hilliard Rudolph, Comm. 1,	Wendell
Roberts, Roy Foster, Premed. 3,	Asheville
Roberts, Roy John, Arts-Educ. 1,	Landis
Roberts, Victor Watson, Arts-Educ. 2,	Lenoir
Robertson, Ashby Coleman, Elec. Engg. 2,	Burlington
Robertson, James Mebane, Arts-Educ. 4,	Charles
Robinson, John Roscoe, Comm. 1,	Greensboro
Rockwell, Harry, Law 2,	Greensboro
Rogers, Alfred Clinton, Comm. 3,	Warsaw
Rogers, James Mathew, Sci. Med. 2,	Asheville

Rogers, Marie, Phar. 2,	Kinston
Roland, Parker, Law 1,	Clifton
Rollins, Charles Pick, Sci. Med. 1,	Henderson
Rollins, Thomas Scott, Jr., Law 2,	Asheville
Rollins, Vance Benton, Med. 1,	Henderson
S.B. in Chem., 1925.	
Rondthaler, Edward, III, Arts 4,	Winston-Salem
Rose, Augustus Steele, Med. 2,	Chapel Hill
Rose, Walter Thomas, Arts 1,	Wadesboro
Rosemond, George Parrott, Sci. Med. 2,	Kinston
Rosenfeld, Martin Ainsworth, Predent. 1,	Rockaway Park, N. Y.
Ross, Charles Reid, Arts-Educ. 4,	Lillington
Ross, Joseph Dewese, Jr., Comm. 1,	Asheboro
Ross, James Hassell, Arts 2,	Ayden
Ross, Maxie Lee, Arts-Educ. 1,	Vineland
Ross, Neill McKay, Comm. 2,	Lillington
Rosser, Thomas Robert, Arts-Educ. 1,	Jonesboro
Rothenberg, Sydney Andrew, Arts Spec.	Brooklyn, N. Y.
Rouse, Charles Francis, Law 2,	Kinston
A.B., 1927.	
Rowe, Ezra Wise, Comm. 3,	Leaksville
Rowland, Charles George, Comm. 1,	Asheville
Royall, Mela Allen, Arts 4,	Goldsboro
Royster, Chauncey Lake, Arts 2,	Chapel Hill
Ruble, Raymond John, Chem. Eng. 2,	Chapel Hill
Ruehl, Victor Eugene, Jr., Comm. 1,	Easton, Md.
Ruffin, Peter Browne, Arts 2,	Wilmington
Ruffin, Thomas, Comm. 1,	Winston-Salem
Runnels, David Clarence, Comm. 1,	Staunton, Va.
Russell, Dallas Locke, Law 1,	Hickory
Rust, Carl King, Arts-Educ. 2,	Bristol, Va.
Rutherford, Maynard Haynes, Comm. 2,	Rutherford College
Sabiston, William Divine, Jr., Comm. 3,	Jacksonville
Sachs, Irving, Arts 1,	Brooklyn, N. Y.
Sachs, Leonard Ernest, Arts 2,	Brooklyn, N. Y.
Sadler, Walter Cannon, Arts-Educ. 2,	Hobucken
Sain, Fletcher Dover, Premed. 2,	Lawndale
Sale, Leland Westall, Arts 1,	Asheville
Saleeby, Alexander Najeeb, Arts 2,	Monroe
Sales, John Claude, Jr., Comm. 3,	Fletcher
Samuels, Louise Jeannette, Sci. Med. 2,	Thomson, Ga.
Sanders, George Waterhouse, Arts 3,	Montclair, N. J.
Sanderson, Earlie Clifford, Arts-Educ. 3,	Chinquapin
Sandy, Lacy Brown, Predent. 1,	Roseboro
Sapp, Odell, Law 2,	Winston-Salem
Sartwell, Robert Thomas, Comm. 1,	Indian Orchard, Mass.
Satterfield, Albert James, Comm. 4,	Timberlake

Satterfield, Henry Clement, Jr., Arts 4,	West Durham
Satterfield, William Robert, Jr., Comm. 1,	Memphis, Tenn.
Saunders, William Keith, Arts 2,	Elizabeth City
Sawyer, Andrew Tyer, Comm. 2,	Elizabeth City
Sawyer, John William, Elec. Engg. 1,	Chapel Hill
Sawyer, Richard Merrill, Elec. Engg. 2,	Chapel Hill
Sayre, Sidney William, Comm. 2,	Tryon
Scales, Wallace Bryan, Jr., Arts 2,	New York, N. Y.
Schafer, Isidor Albert, Prelaw 3,	Mt. Airy
Schenck, Michael, Jr., Arts 2,	Hendersonville
Schlosburg, Elihu Bernard, Arts-Music 3,	Kershaw, S. C.
Schneider, Bernard, Arts-Educ. 2,	Gastonia
Schneider, Jacob Benjamin, Arts 2,	Brooklyn, N. Y.
Schnell, Herman Walker, Arts 3,	North Tonawanda, N. Y.
Schnell, Robert Howard, Arts-Laws 1,	North Tonawanda, N. Y.
Schoaf, Bernard John, Arts Spec.	Chapel Hill
Schorr, Spencer Shanley, Arts 3,	Jersey City, N. J.
Schulman, Jacob, Comm. 1,	Reidsville
Schultz, Gordon Louis, Comm. 2,	Newark, N. J.
Schwartz, Benjamin David, Comm. 4,	Wilmington
Schwartz, Harry Lewis, Arts-Educ. 4,	Charlotte
Schwitz, Paul Randal, Predent. 1,	Hempstead, N. Y.
Scoggin, Lewis Edward, Jr., Phar. 1,	Louisburg
Scott, Anderson Hughes, Sci. Med. 1,	Mebane
Scott, Erwin Ralph, Sci. Geol. 2,	Cummingtown, Mass.
Scott, Harry Heyer, Arts-Educ. 2,	Rose Hill
Scott, Walter Duval, Arts 2,	Grantsboro
Scott, Walter Lee, Jr., Prelaw 2,	Weldon
Scott, William Lafayette, Arts 4,	Greensboro
Seroggs, Frank Morrison, Comm. 2,	Statesville
Scurlock, James Paul, Civ. Engg. 3,	Greensboro
Sears, Charles Bion, Phar. 2,	Vineland
Seawell, Ashley Flowers, Arts 3,	Sanford
Seawell, Malcolm Buie, Arts 2,	Sanford
Sechler, Noacher Alexander, Arts-Educ. 1,	Landis
Selby, William Elledge, Arts 3,	Belmont
Sexton, William Carley, Predent. 1,	Columbia
Schachtman, Joseph Morris, Sci. Med. 1,	Greensboro
Shaffner, Emil Nathaniel, Arts 2,	Winston-Salem
Shaner, Harvey Linden, Jr., Arts 2,	Winston-Salem
Shanklin, Virginia Earle, Arts 3,	Clemson College, S. C.
Shannon, Charles John, Comm. 3,	Camden, S. C.
Shapiro, Morton Minz, Arts 2,	Baltimore, Md.
Shapiro, Sidney Irving, Prelaw 1,	Spartanburg, S. C.
Sharp, Susie Marshall, Law 3,	Reidsville
Sharp, William Byron, Elec. Engg. 4,	Greensboro

Sharpe, Avon F., Law 1,
 Sharpe, Paul Lucas, Elec. Engg. 1,
 Sharpe, William David Pope, Jr., Law 2,
 Shaw, Marilee, Law 1,

A.B., in Educ., 1928.

Shearin, Paul Edmondson, Arts-Educ. 4,
 Shedd, William Blake, Arts 1,
 Sheets, William Glenn, Comm. 2,
 Sheffield, James Harold, Premed. 2,
 Shelton, John Craig, Comm. 3,
 Shelton, Thomas McKendre, Jr., Comm. 1,
 Shelton, Wallace Augustus, Arts-Educ. 2,
 Shepard, Frank Armfield, Sci. Med. 1,
 Shepard, George Edward, Comm. 4,
 Sher, Philip, Arts-Educ. 2,
 Sheram, Gerge Lucius, Jr., Arts 2,
 Sherfese, Louis, Jr., Arts 1,
 Sherrill, John Little, Elec. Engg. 1,
 Sherrill, Junius Phelps, Jr., Comm. 1,
 Sherrill, Samuel Boyd, Prelaw 1,
 Sherrill, William A., Comm. 2,
 Sherwood, James Emory, Elec. Engg. 3,
 Shevick, Burke Bernard, Pre dent. 1,
 Shields, James Duncan, Arts-Educ. 1,
 Shine, Claudia Pearsall, Spec.
 Shine, Margaret Kirwan, Spec.
 Shinn, George Clyde, Sci. Phar. 3,
 Shohan, Judah, Arts 3,
 Shore, Elton Byrer, Arts 3,
 Shore, John Sherman, Arts-Jour. 1,
 Shore, Roby Davis, Arts Spec. 3,
 Shreve, Clyde Allison, Arts 2,
 Shuford, William Burder, Comm. 3,
 Shulenberg, William Arthur, Jr., Arts 2,
 Shuler, James Ernest, Arts 4,
 Sickles, Arthur Delos, Comm. 2,
 Sigmon, Wales Franklin, Arts-Educ. 3,
 Sikes, Charles Culpepper, Jr., Arts 2,
 Sikes, Charles Henry, Sci. Med. 3,
 Silverstein, Samuel Luis, Comm. 2,
 Simon, Leonard W., Arts 2,
 Simpson, Howard Holmes, Arts-Educ. 3,
 Simpson, John Alexander, Arts-Educ. 1,
 Simpson, Marcus B., Arts-Educ. 2,
 Simpson, Paul Taylor, Comm. 4,
 Sinclair, Carson Fraser, Arts 4,

Chapel Hill
 Granite Falls
 Wilson
 DeFuniak Springs, Fla.

Essex
 Leonia, N. J.
 Winston-Salem
 Canton
 Charlotte
 Charlotte
 Mt. Airy
 Liberty
 Wilmington
 Durham
 Columbus, Ga.
 Greenville, S. C.
 Skyland
 Charlotte
 Robbinsville
 Granite Falls
 Greensboro
 Winston-Salem
 Carthage
 Chapel Hill
 Chapel Hill
 Georgeville
 Greensboro
 Pleasant Garden
 Yadkinville
 Hamptonville
 Reidsville
 Hickory
 Charlotte
 Salisbury
 Rochester, N. Y.
 Alexis
 Monroe
 Greensboro
 Rockingham
 Brooklyn, N. Y.
 Roseboro
 Roseboro
 Unionville
 Roseboro
 Winter Haven, Fla.

- Sinclair, Henry McLean, Comm. 3,
 Sipe, Eugene Cecil, Arts-Educ. 3,
 Sisk, Robert Cecil, Phar. 2,
 Sisk, Wilfred Nixon, Arts 2,
 Sitterson, Joseph Carlyle, Arts 2,
 Sizemore, Henry Daniel, Jr., Law 1,
 Skeen, Leo Brown, Sci. Med. 2,
 Skinner, Charles Coston, Comm. 2,
 Skinner, Jacob Edward, Elec. Engg. 3,
 Skinner, James Gaffney, Comm. 1,
 Skinner, John Harrison, Jr., Comm. Spec.
 Skinner, William Iverson, Jr., Comm. 1,
 Slade, James Jerry, Jr., Civ. Engg. 4,
 Slate, Lester Hillard, Premed. 3,
 Slate, Otis Theodore, Arts-Laws 1,
 Slater, John Gary, Comm. 2,
 Slaughter, Jesse Washington, Arts-Educ. 1,
 Slusser, Willard Frank, Comm. 1,
 Smathers, Frank, Jr., Comm. 1,
 Smiley, Stanley Woodard, Comm. 2,
 Smith, Allen Kendrick, Law 2,
 A.B., 1927.
 Smith, Ashley Perdue, Comm. 1,
 Smith, Budd Elmon, Arts-Educ. 2,
 Smith, Benjamin Hawkins, Jr., Arts-Educ. 2,
 Smith, Claude Alexander, Arts-Educ. 2,
 Smith, Charles Lee, Arts 3,
 Smith, Clyde Timothy, Med. 1,
 Smith, Dorsey Dewey, Law 2,
 Smith, Frank LeRoy, Arts 4,
 Smith, Gregory Andrew, Law 1,
 Smith, George Yale, Sci. Med. 3,
 Smith, Hermit E., Premed. 1,
 Smith, John Franklin, Arts Spec.
 Smith, John Goodrich, Sci. Med. 1,
 Smith, James Kenneth, Comm. 3,
 Smith, James Norfleet, Law 3,
 Smith, John Troy, Comm. 4,
 Smith, Jack Wingate, Sci. Chem. 2,
 Smith, James Wickliffe, Sci. Med. 1,
 Smith, Neeson Hugh, Elec. Engg. 1,
 Smith, Odell Martin, Arts-Educ. 3,
 Smith, Paul Henry, Comm. 1,
 Smith, Thomas Carlisle, Jr., Law 1,
 A.B., 1928.
 Smith, William Ballance, Arts 3,
 Smith, William Franklin, Arts 4,
 Smith, Winslow Willkings, Jr., Comm. 3,
 Winter Haven, Fla.
 Cherryville
 Bryson City
 Raleigh
 Kinston
 Chapel Hill
 Biscoe
 Greenville
 Greenville
 Greenville
 West La Fayette, Ind.
 Greenville
 Chapel Hill
 Spencer
 Thomasville
 New Bern
 Roxboro
 Blacksburg, Va.
 Miami, Fla.
 Fort Bragg
 Raleigh
 Fayetteville
 Benson
 Cranford, N. J.
 West End
 Raleigh
 Pantego
 Laurel Hill
 Mt. Airy
 Charlotte
 Brooklyn, N. Y.
 Jackson Springs
 Berea, Ky.
 Scotland Neck
 Chapel Hill
 Scotland Neck
 Hope Mills
 Wilmington
 Fayetteville
 Waynesville
 Kernersville
 Liberty
 Asheville
 Fremont
 Chadbourn
 Charlotte

Smith, Young Merritt, Law 1,
 Snelgrove, Sidney Caughman, Comm. 4,
 Snow, William Boylan, Jr., Arts 2,
 Snyder, Daniel Marshall, Arts-Educ. 3 ,
 Sonner, Samuel Harrison, Comm. 1,
 Sosnik, Nestor Yale, Sci. Med. 1,
 Southard, Curtis Glenn, Sci. Med. 2,
 Souther, Raymond Lee, Arts-Educ. 2,
 Southerland, Frederick Jennings, Arts-Educ. 2,
 Southerland, Fitzhugh Lee, Comm. 4,
 Southerland, William Odell, Civ. Engg. 1,
 Sowers, Neil Sharpe, Law 2,
 Sowers, Philip, Comm. 2,
 Sparger, Collier Bryson, Law 3,
 S.B., in Comm., 1922; S.M., 1928.
 Sparks, Paul Reed, Sci. Med. 2,
 Spaulding, Leon Adelbert, Arts 3,
 Spearman, Walter Smith, Arts 4,
 Spears, Adrian Anthony, Arts 2,
 Spears, John Wesley Hartsfield, Arts 4,
 Speight, James Cornelius, Comm. 2,
 Speight, William Wesley, Comm. 3,
 Spell, George Fulton, Arts 4,
 Spell, James Bryan, Arts 1,
 Spitzer, Samuel Edward, Arts 3,
 Sprague, William Forrest, Arts 2,
 Sprinkle, Thomas Weaver, Law 2,
 A.B., Trinity College, 1916.
 Spruill, Frank Parker, Jr., Arts 2,
 Stabler, James Carlisle, Arts-Educ. 4,
 Stack, Lawrence Pinckney, Arts 3,
 Stafford, John Springs, Comm. 4,
 Stahr, Alden Joseph, Arts 1,
 Stallings, Ernest Harrison, Comm. 2,
 Stallings, George Millard, Comm. 2,
 Stallings, John William, Jr., Comm. 1,
 Stallings, Luby Frederick, Comm. 2,
 Stanley, James Alfred, Arts-Educ. 4,
 Stanton, Robert Edward, Arts 3,
 Starbuck, William Agurs, Arts 2,
 Starling, Wyman Plato, Arts 4,
 Starrett, Randall McKnight, Elec. Engg. 4,
 Staton, Van Edgar, Jr., Comm. 2,
 Stauber, Elbert Elwin, Comm. 4,
 Stein, Lillian, Arts-Educ. 3,
 Sternberger, Solomon Bear, Arts 2,
 Steves, Garfield Douglas, Civ. Engg. 2,

Asheville
 Charleston, S. C.
 Asheville
 Hamlet
 Saluda
 Winston-Salem
 Stokesdale
 Biltmore
 Willard
 Willard
 Charlotte
 Statesville
 Salisbury
 Chapel Hill

 Burlington
 Athens, Penna.
 Charlotte
 Darlington, S. C.
 Lillington
 Spring Hope
 Spring Hope
 Red Springs
 Red Springs
 Yonkers, N. Y.
 Chapel Hill
 Raleigh

 Rocky Mount
 St. Matthews, S. C.
 Wilmington
 Charlotte
 West Orange, N. J.
 Enfield
 Selma
 Wilson
 Selma
 Warrensville
 Elizabeth City
 Winston-Salem
 Roseboro
 Morganton
 Greenville
 Rural Hall
 Sylva
 Wilmington
 Woodside, N. Y.

Steward, Luther Corwin, Jr., Comm. 4,	Washington, D. C.
Stewart, Clarence Hubert, Arts-Educ. 4,	Concord
Stewart, John Henry, Arts-Educ. 2,	Greensboro
Stewart, John Millan, Comm. 2,	Monroe
Stimson, Frank Phillips, Comm. 3,	Statesville
Stinson, Orvis Daniel, Civ. Engg. 2,	Goldston
Stokes, Clifton Carr, Sci. Geol. 4,	Grifton
Stone, Frank Evans, Arts Spec. 2,	Greensboro
Stone, George Pryor, Jr., Comm. 3,	Greensboro
Stone, Joseph Shepard, Comm. 2,	Wilmington
Stone, Leon Girley, Comm. 3,	Greensboro
Stone, Robert Edwards, Arts 4,	Greensboro
Stone, William Julian, Comm. 4,	Thomasville
Stoute, Ray Donald, Premed. 1,	Stony Point
Stovall, Robert Glenn, Arts-Educ. 1,	Virgilina, Va.
Strawn, James Boyd, Comm. 1,	Marshville
Strickland, Arthur Thomas, Jr., Med. 1,	Wilson
Strickland, Bernice Edward, Comm. 1,	Middlesex
Strickland, William Laurence, Arts-Educ. 1,	Old Dock
Stringfellow, William Archie, Arts-Laws 3,	Asheville
Strobach, Nettina Louise, Arts Spec.	Yakima, Wash.
Strong, Jacob Hill, Jr., Arts 3,	Rhinēbeck, N. Y.
Strusinski, Joseph Raymond, Premed. 1,	Bronx, N. Y.
Stuart, Charles Kivett, Comm. 1,	Jackson Springs
Stubbs, Allston Julius, Arts-Laws 3,	Durham
Stubbs, Clyde Alexander, Arts-Educ. 2,	Fairmont
Studdert, Clay Carter, Law 2,	Washington
Stultz, Henry Jackson, Comm. 1,	Winston-Salem
Sturgeon, Neona Oliva, Arts Spec.	Wewaka, Okla.
Sturm, Gordon Houghton, Arts 1,	Greensboro
Swartz, Kenneth Wagner, Law 1,	Sunmore, Penna.
Swartz, Samuel, Phar. 3,	Wilson
Styers, Aubrey William, Comm. 4,	Rural Hall
Sugg, Richard Lewis, Sci. Med. 2,	Southern Pines
Sugg, William Archie, Comm. 2,	Greenville
Suggs, William Wingate, Arts-Educ. 1,	Chapel Hill
Sumner, Benjamin Hampton, Arts 4,	Lincolnton
Suskin, Albert Irving, Arts-Educ. 2,	New Bern
Sutton, Walter Gregg, Comm. 2,	Fayetteville
Swann, Edward Filmore, Arts-Educ. 1,	Spruce Pine
Swope, Granville Hamilton, Arts 3,	Baltimore, Md.
Sylviant, Larry Kendall, Arts 4,	Snow Hill
Tabb, William Shields, Comm. 2,	Wilmington
Talley, John Tucker, Comm. 2,	New Hill
Tatum, Carson Charles, Comm. 1,	Salisbury
Tausend, Milton Edwin, Sci. Med. 3,	New York, N. Y.

Taylor, Amos Hill, Sci. Med. 1,	Bell Buckle, Tenn.
Taylor, Cecil Grady, Arts-Educ. 4,	Williamston
Taylor, Catharine Kelso, Arts 4,	Morganton
Taylor, Charles Winfield, Arts-Laws 1,	Rocky Mount
Taylor, Dan Frank, Elec. Engg. 1,	Efland
Taylor, Edward Fort, Law 2,	Oxford
Taylor, Francis Marion, Jr., Arts-Educ. 3,	Enfield
Taylor, Havens Edna, Arts- Educ. 4,	Chapel Hill
Taylor, Herbert Hamilton, Jr., Arts 1,	Tarboro
Taylor, Henry London, Jr., Elec. Engg. 1,	Wilmington
Taylor, Huber Topping, Arts 2,	Como
Taylor, James Young, Comm. 1,	Morganton
Taylor, Seiss Nickles, Arts 1,	Chapel Hill
Taylor, Thomas Jefferson, Sci. Med. 2,	Enfield
Taylor, William Stanton, Comm. 4,	Kinston
Teachey, James Clifton, Comm. 1,	Greensboro
Teague, John Randolph, Jr., Arts 3,	Henderson
Teer, Thomas Walter, Arts-Music 1,	Durham
Teitelbaum, Harold Henry, Sci. Med. 3,	Jersey City, N. J.
Temple, Rufus Henry, Phar. 1,	Kinston
Teubner, LaDoyt Karl, Civ. Engg. 1,	Westfield, Mass.
Teush, Harry Frank, Arts 4,	Bronx, N. Y.
Thomas, Agnostis John, Civ. Engg. 1,	Durham
Thomas, Amos Lee, Arts-Educ. 3,	Marshville
Thomas, Edward Frank, Chem. Engg. 2,	Bainbridge, Ga.
Thomas, Frederick Amick, Comm. 2,	Ramseur
Thomas, Frederick Chalmers, Comm. 2,	Siler City
Thomas, George Washington, Jr., Arts 1,	Roxboro
Thomas, Henry Carrison, Sci. Chem. 2,	Charleston, S. C.
Thomas, John Bryan, Comm. 2,	Flat Rock
Thomas, James Lewis, Arts 1,	Roxboro
Thomas, John Lewis, Comm. 1,	Reidsville
Thomas, Phillip Langston, Phar. 1,	Erwin
Thompson, Eugene Graham, Law 3,	Roxboro
Thompson, George Dewey, Elec. Engg. 2,	Goldsboro
Thompson, George Ward, Comm. 1,	Elizabeth City
Thompson, Grover W., Spec.	Albemarle
Thompson, Horace Brown, Arts 4,	Matthews
Thompson, Kirby Dew, Comm. 4,	Richlands
Thompson, Laurence, Arts 4,	New York, N. Y.
Thompson, Loy Duralt, Arts 3,	Greensboro
Thompson, Matt Lee, Law 1,	Aurora
S.B. in Commerce, 1925.	
Thompson, Neill Archie, Sci. Med. 1,	Lumberton
Thompson, Sarah Vance, Med. 2,	Hamlet
A.B., N. C. Col. for Women, 1926.	
Thompson, William Cannon, Comm. 2,	Rosemary

Thompson, William Sydna, Arts 2,	Atlanta, Ga.
Thrall, Rosalie, Arts 4,	Chapel Hill
Tilghman, Henry Granville, Arts Spec.	Dunn
Tillery, Paul Allen, Jr., Comm. 1,	Raleigh
Tilley, Adolphus William, Civ. Engg. 2,	Bahama
Timberlake, Stephen Davis, Comm. 1,	Staunton, Va.
Tinkham, Mark Felton, Arts-Educ. 1,	Eure
Todd, Calvin Grier, Comm. 1,	Belton, S. C.
Todd, Calvin Luther, Comm. 1,	Pensacola, Fla.
Todd, Robert Leslie, Arts-Educ. 3,	Yadkinville
Tomlinson, James Rousseau, Comm. 2,	North Wilkesboro
Tomlinson, Thomas Hazel, Jr., Med. 1,	Thomasville
Tomlinson, William Seebohm, Comm. 1,	North Wilkesboro
Toms, Francis Rogers, Elec. Engg. 3,	Petersburg, Va.
Torbert, James Foster, Arts-Educ. 1,	Charlotte
Triplett, Homer Corbin, Arts-Educ. 1,	Maple Springs
Triplett, John Marice, Arts-Educ. 2,	Kerr
Tripp, Gilbert Allen, Arts-Educ. 2,	Blount's Creek
Trott, Graham Foard, Comm. 1,	Wilmington
Tucker, Carl Milton, Jr., Arts 1,	Pageland
Tucker, Harry Zebulon, Arts-Educ. 3,	Madison
Tudor, John Abram, Jr., Arts-Educ. 3,	Danville, Va.
Tull, Isaac Montrose, Jr., Mech. Engg. Spec.	Chapel Hill
Tullock, Lawrence Everett, Elec. Engg. 3,	Danville, Va.
Tunstan, Kenneth Richard, Comm. 1,	Kinston
Turchiarelli, Salvatore Victor, Arts 1,	North Tonawanda, N. Y.
Turner, Clinton Lanford, Arts-Educ. 1,	Fingerville, S. C.
Turner, Frank Kenyon, Arts-Educ. 3,	Hillsboro
Turner, Hallie Francis, Arts-Educ. 2,	Teachey's
Turner, James Annerton, Jr., Arts 4,	Charlotte
Turner, John Preston, Arts 1,	Winston-Salem
Turner, Mangum, Jr., Arts-Educ. 2,	Winston-Salem
Turner, Samuel Monroe, Arts-Educ. 3,	North Wilkesboro
Turner, William Harrison, Jr., Comm. 3,	Winston-Salem
Turner, Wilburne Wells, Arts-Educ. 4,	Teachey's
Turrentine, Kilby Pairo, Med. 2,	Kinston
A.B., 1926.	
Tweed, Clyde, Phar. 2,	Bryson City
Umphlet, Thomas Leonard, Sci. Med. 2,	Hertford
Umstead, Eugene David, Jr., Comm. 3,	Stem
Underhill, Wingate Egerton, Civ. Engg. 3,	Louisburg
Underwood, Alton Clark, Comm. 4,	Elizabethtown
Underwood, Henrietta, Arts 4,	Ashboro
Underwood, Neal Alexander, Arts 1,	Sanford
Upchurch, Lonnie Milton, Arts-Educ. 3,	New Hill
Upchurch, Malcolm Thurston, Phar. 1,	Apex

Upchurch, Thaddeus Gilbert, Med. 1,
 Urist, Harold Ezekiel, Arts 3,
 Usher, Peter Clyde, Sci. Chem. 1,
 Uzzell, Francis Dubose, Arts 3,
 Uzzell, Thomas Albert, Jr., Law 1,
 Uzzell, William Egbert, Arts-Educ. 1,
 Van Echop, George Louis, Jr., Comm. 1,
 Van Every, William Hamilton, Comm. 1,
 Van Nortwick, Nathaniel Oliver, Arts 1,
 Vann, John Albert, Comm. 3,
 Vann, James Wessell, Arts-Educ. 2,
 Vanstory, William Alfred, Comm. 4,
 Vass, Frank Covington, Arts 2,
 Vass, James Leland, Arts 3,
 Vatz, Harry Lewis, Sci. Med. 3,
 Vaughan, Evans James, Sci. Med. 2,
 Vaughan, John Southgate, Arts 2,
 Vaughan, Walter Weddle, Arts 4,
 Venters, Carl Vernon, Law 3,

A.B., 1926.

Vernon, Homer Jameson, Comm. 4,
 Vestal, Odell Shemwell, Sci. Med. 3,
 Vinson, Herman, Comm. 1,
 Vogler, Raymond Davis, Arts-Educ. 3,
 Voss, John Hiram, Arts 1,
 Waddell, Charles Edward, Jr., Civ. Engg. 3,
 Waddill, Carey Petty, Comm. 4,
 Waddill, Edmund Law, Comm. 3,
 Wade, Paxton Francis, Civ. Engg. 4,
 Wade, Rogers Cristopher, Comm. 4,
 Wadsworth, John Golden, Civ. Engg. 2,
 Walford, Richard Montagu, Jr., Civ. Engg. 3,
 Walker, Albert Sidney, Arts-Educ. 1,
 Walker, Noel, Med. 1,

A.B. Queens College, 1927.

Walker, Thomas Roger, Comm. 3,
 Wall, Edwin Craig, Comm. 1,
 Wall, Eugene Ray, Comm. 2,
 Wall, Herbert Christy, Arts-Educ. 3,
 Wall, John Edgar, Arts 1,
 Wall, James Graham, Arts-Educ. 1,
 Wall, Roger Irving, Sci. Med. 2,
 Wall, Stephen Judson, Comm. 1,
 Wall, William Rae, Arts-Educ. 2,
 Wall, William Stanley, Arts 4,
 Wallace, John, Comm. 2,
 Wallace, Lawrence Henry, Law 2,

Apex
 Flushing, N. Y.
 Bennettsville, S. C.
 Chapel Hill
 Greensboro
 Louisburg
 Charlotte
 Charlotte
 Parmele
 Rocky Mount
 Salemburg
 Greensboro
 Charlotte
 Charlotte
 Kinston
 Rocky Mount
 Woodland
 Elm City
 Richlands

Spray
 Lexington
 Autryville
 Mt. Airy
 Waterbury, Conn.
 Biltmore
 Henderson
 Henderson
 Roxboro
 Raleigh
 Williamston
 Shreveport, La.
 Ashboro
 Charlotte

Reidsville
 Lilesville
 High Point
 Sophia
 Benson
 Benson
 Wendell
 Clayton
 Tobbacoeville
 Enfield
 Pocahontas, Va.
 Smithfield

Walser, Rebecca, Arts 4,	High Point
Walser, Richard Gaither, Arts 4,	Lexington
Walston, Frank Leslie, Arts 3,	Walstonburg
Walston, Harper, Comm. 2,	Snow Hill
Wandeck, William Roy, Sci. Med. 3,	Chapel Hill
Ward, Alvin Trotman, Law 1,	Lake Junaluska
Ward, Bernard Rudolph, Sci. Phar. 3,	Fairmont
Ward, Dean Augustus, Arts-Educ. 2,	Zirconia
Ward, David Jackson, Arts 3,	Weldon
Ward, James Keefe, Arts-Educ. 3,	Hendersonville
Ward, Joseph Tyson, Arts-Educ. 2,	Chapel Hill
Ward, Needham Edgar, Jr., Med. 1,	Chapel Hill
Warden, Lois Morton, Arts 4,	Louisville, Ky.
Wardlaw, Charles Digby, Jr., Arts 1,	Plainfield, N. J.
Wardlaw, Frederick Colman, Comm. 1,	Plainfield, N. J.
Wardlaw, John Waller, Comm. 3,	Plainfield, N. J.
Warren, Addison Exum, Law 1,	Edward
A.B. in Educ., 1927.	
Warren, John McCullen, Arts 2,	Edward
Warren, Ostelle Alvin, Law 1,	East Gastonia
Waterhouse, George, Arts 1,	Beaufort, S. C.
Watkins, Alston Stoddard, Comm. 3,	Durham
Watkins, John Norman, Jr., Sci. Med. 3,	Oxford
Watman, Martin George, Comm. 1,	Brooklyn, N. Y.
Watt, Alan Mackenzie, Arts 4,	Greensboro
Watts, Albert Jay, Arts-Educ. 1,	St. Pauls
Watts, Walter Archibald, Comm. Spec.	St. Pauls
Way, Samuel Eason, Arts-Educ. 4,	Beaufort
Weatherly, James Harry, Arts 4,	Reidsville
Weathers, John Seabron, Arts-Educ. 2,	Ocala, Fla.
Weaver, Ida Vivian, Sci. Med. 1,	Chapel Hill
Weaver, John Alton, Phar. 1,	Olin
Weaver, John Christian, Comm. 1,	Reidsville
Weaver, James Ralph, Jr., Arts-Educ. 1,	Chapel Hill
Weaver, Samuel Thurston, Prelaw 2,	Baltimore, Md.
Webb, Edmund vonHasseln, Arts 3,	Anderson, S. C.
Webb, Henry Bond, Arts 2,	Hillsboro
Webb, Mandeville Alexander, Arts 1,	Asheville
Webb, Roy Benjamin, Comm. 2,	Stantonsburg
Webb, Robert Hoke, Arts 2,	Raleigh
Webb, Thomas Norfleet, Jr., Arts 1,	Hillsboro
Webb, William Edward, Arts 4,	Thomasville
Webb, Whitmel Hill, Civ. Engg. 4,	Hillsboro
Webster, Benjamin Richard, Predent. 2,	Madison
Webster, James William, Arts-Educ. 2,	Leaksville
Weeks, Clarence Johnson, Arts 2,	Whitakers

Weeks, Orin Haywood, Arts 1,	Swansboro
Weeks, Thomas White, Comm. 1,	Elizabeth City
Weil, Lionel Solomon, Comm. 1,	Goldsboro
Weil, Paul Gregory, Arts 4,	Niagara Falls, N. Y.
Weinstein, Raymond Lee, Sci. Med. 1,	Fairmont
Welborn, Harold Davis, Comm. 4,	High Point
Welborn, Kermit Wayne, Comm. 2,	Statesville
Wells, Eugene Ernest, Comm. 3,	Greenville, S. C.
Wells, John Robert, Arts-Educ. 3,	Murphy
Wells, Katharine Platt, Arts 3,	Laurel, Miss.
Wessell, John Charles, Jr., Arts 4,	Wilmington
West, Charles Harden, Civ. Engg. 3,	Greensboro
West, George Edison, Arts-Educ. 1,	Grassy Creek
Westmoreland, Joseph Robert, Med. 1,	Canton
Whaley, Francis Marion, Jr., Comm. 1,	Charleston, S. C.
Wheary, Kermit, Arts Spec.	Crewe, Va.
Whedbee, Charles Hillery, Arts 1,	Greenville
Whichard, Claude Linden, Jr., Comm. 2,	Norfolk, Va.
Whichard, Willis Guilford, Arts-Educ. 3,	Stokes
Whisnant, Albert Miller, Jr., Premed. 3,	Charlotte
Whisnant, Clyde McIver, Preident. 2,	Lawndale
Whisnant, Howard Preston, Arts-Educ. 2,	Belmont
Whisnant, Wade Durant, Arts-Educ. 1,	Hickory
Whitaker, Frederick Andrews, Comm. 1,	Kinston
Whitaker, James Allen, Arts 4,	Zebulon
Whitaker, Rudolph Carlyle, Comm. 3,	Oak Ridge
Whitaker, Roy Gilbert, Arts-Educ. 2,	Chapel Hill
Whitaker, Richard Harper, Arts 3,	Oak Ridge
White, Chalmers Hewett, Arts-Educ. 3,	Concord
White, Charles Hasford, Jr., Comm. 4,	Elizabethton, Tenn.
White, Chalmers Lindley, Jr., Civ. Engg. 2,	Concord
White, Harold Moultrie, Comm. 4,	High Point
White, James Othello, Phar. 1,	Coleraine
White, John Sumner, Jr., Comm. 1,	Waban, Mass.
White, Rankin Jones, Civ. Engg. 2,	Chapel Hill
White, Travis Durham, Sci. Chem. 2,	Shelby
White, Thomas Livingston, Arts-Educ. 1,	Murfreesboro
White, William Burton, Elec. Engg. 3,	Townsville
White, William Wallace, Arts 2,	Salisbury
Whitehead, Burges Urquhart, Arts 2,	Woodville
Whiteley, Iley Chester, Phar. 2,	Morganton
Whitener, Robert Vance, Elec. Engg. 2,	High Point
Whitley, Ayer Crouch, Arts 3,	Matthews
Whitley, Dowd Philip, Sci. Med. 2,	Monroe
Whitley, Elwood Hampton, Prelaw 2,	Pantego
Whitley, Howard Emsley, Phar. 3,	Monroe

Whitley, James Lucius, Comm. 3,	Enfield
Whitley, Philip Ray, Law 3,	Wendell
Whitmire, Thomas Cooper, Arts 2,	Brevard
Whitsett, William Thornton, Jr., Arts-Educ. 1,	Whitsett
Whitten, Guyon Eugene, Comm. 3,	Marion
Whittenton, William Ransom, Arts-Educ. 2,	Benson
Whittington, Ernest Marvin, Jr., Comm. 1,	Greensboro
Whittington, Robert Jerome, Jr., Sci. Med. 1,	Greensboro
Whittington, William Wayne, Jr., Sci. Med. 3,	Snow Hill
Whitton, Beaumert, Civ. Engg. 1,	Charlotte
Wiggins, Frederick Jefferson, Comm. 1,	Charlotte
Wilder, Lynn, Jr., Comm. 1,	Raleigh
Wiley, Samuel Richardson, Comm. 3,	Greensboro
Wilkerson, Robert Jennings, Comm. 2,	Roxboro
Wilkes, Leon, Arts-Educ. 1,	Enfield
Wilkins, Ruth Aileen, Arts-Educ. 3,	Magnolia
Wilkins, Williams Banks, Arts 4,	Sanford
Wilkinson, John Archbell, Arts 2,	Pantego
Wilkinson, William Edgar, Med. 1,	Ridgeville
B.S., Davidson College, 1928.	
Williams, Albert Franklin, III, Arts 2,	Wilson
Williams, Charles Frederick, Sci. Med. 3,	Raleigh
Williams, James Allen, Law 1,	Hendersonville
A.B., 1928.	
Williams, Joseph Carlyle, Arts-Educ. 3,	Erwin
Williams, Joseph Redmon, Arts-Educ. 3,	Yadkinville
Williams, John Sharpe, Arts-Educ. 1,	Lewisville
Williams, James William, Arts 4,	Greensboro
Williams, James Wright, Arts-Laws 1,	Polkville
Williams, Lee Gerald, Arts 4,	Dover
Williams, Lena Mae, Arts 4,	Chapel Hill
Williamson, Albert Creo, Arts-Educ. 1,	Hobucken
Williamson, Colie Vernon, Arts-Educ. 3,	Hobucken
Willis, Dora Ivy, Arts 3,	Vale
Willis, Elwood Reid, Arts-Educ. 3,	Marshallberg
Willis, Meade Homer, Jr., Arts 2,	Winston-Salem
Wilmot, John Alden, Civ. Engg. 1,	Dunellen, N. J.
Wilmoth, Wendell Roy, Arts-Educ. 1,	Rusk
Wilsey, Dane Maxfield, Arts 3,	Chapel Hill
Wilson, Edward Douglas, Arts 4,	Chapel Hill
Wilson, Emmett Thorman, Arts-Educ. 3,	Asheville
Wilson, Frank, Jr., Med. 1,	Greenville
Wilson, Hilliard Baxley, Sci. Med. 2,	Lenoir
Wilson, Janet Hilliard, Arts 3,	Morristown, N. J.
Wilson, John Nelson, Jr., Arts 1,	Cullowhee
Wilson, Julius Vassie, Comm. 2,	High Point

Wilson, Kenneth Stauber, Arts 1,	Asheville
Wilson, Melford Alonzo, Sci. Med. 1,	Lenoir
Wilson, Mewborn Braxton, Arts-Educ. 1,	Dover
Wilson, Paul, Sci. Med. 1,	Lattimore
Wilson, Willis Alexandria, Jr., Comm. 4,	Dover
Wilson, Walter Hugh, Arts-Educ. 1,	Huntersville
Wily, John Fleming, Jr., Arts 3,	Durham
Wimbish, Paul Cunningham, Arts 2,	Greensboro
Winborne, Richard, Jr., Arts 3,	Norfolk, Va.
Winecoff, George Caldwell, Jr., Comm. 3,	Gastonia
Winstead, Champ, Arts 3,	Roxboro
Winstead, Samuel Byrd, Arts 1,	Roxboro
Wiseman, James Edgar, Premed. 3,	Henrietta
Withers, Bernice West, Spec.	Chapel Hill
Withers, Lloyd Clement, Arts 1,	Charlotte
Witty, Atlas Marten, Arts-Educ. 3,	Summerfield
Witty, Thomas Ezekiel, Civ. Engg. 4,	Summerfield
Wolf, Morris, Sci. Med. 2,	Brooklyn, N. Y.
Wood, Charles Barnette, Arts 4,	Roxboro
Wood, Donald Leigh, Arts-Educ. 3,	Kinston
Wood, Edward Jenner, Jr., Arts 2,	Wilmington
Wood, George Eliot, Jr., Arts 2,	Rocky Mount
Wood, James Cullen, Comm. 4,	Apex
Woodall, Marshall Franklin, Comm. 3,	Benson
Woodard, Barney Lelon, Sci. Med. 3,	Kenly
Woodard, Erwin Carlyle, Arts-Educ. 3,	Princeton
Woodard, Marion Erestus, Arts-Educ. 2,	Goldsboro
Woodard, Norwood Burnice, Arts-Educ. 1,	Kenly
Woodard, Wayne Owen, Arts-Educ. 2,	Bryson City
Woodard, William Thomas, Comm. 3,	Kenly
Woodley, Buick Wade, Comm. 1,	Ellerbe
Woodley, James Doctrine, Sci. Med. 3,	Tarboro
Woodruff, Harold Laurence, Phar. 1,	Woodruff, S. C.
Woods, Henry Grady, Comm. 2,	Asheville
Woodson, Horatio Nelson, Arts 4,	Salisbury
Woodward, Charles Knowlton, Comm. 2,	Greenville
Wooten, Marion Frank, Jr., Civ. Engg. 4,	Charlotte
Wooten, Robin Nathaniel, Arts-Educ. 3,	Olin
Wooten, Roland Robert, Sci. Med. 1,	Fountain
Worley, Thomas Hubert, Sci. Phar. 1,	Marshall
Worsley, David Alton, Elec. Engg. 2,	Rocky Mount
Worth, Hal Venable, Jr., Comm. 2,	Raleigh
Wortman, William Jerome, Elec. Engg. 4,	Morganton
Wray, Mary Margaret, Arts 4,	Raleigh
Wrenn, Creighton, Arts 3,	Garner
Wright, Auburn Leslie, Arts-Educ. 3,	Carrboro

Wright, Carroll Clinton, Comm. 1,	Bryson City
Wright, George Prince, Comm. 1,	St. Pauls
Wright, Kenneth Clayton, Comm. 4,	Topton
Wyche, Ernest Hughes, Sci. Chem. 2,	Greensboro
Wyrick, Charles Lloyd, Arts-Educ. 2,	Greensboro
Wysong, William Humber, Sci. Med. 3,	Wrightsville Beach
Yancey, Samuel Motz, Arts 1,	Marion
Yarborough, Alex C., Comm. 2,	Spring Hope
Yarborough, Edward Foster, Arts-Laws 1,	Louisburg
Yarborough, William Henry, Jr., Arts 2,	Louisburg
Yeargan, Leon Craven, Comm. 4,	Garner
Yeargan, Sherman Austin, Comm. 3,	Garner
Yelverton, Robert Pipkin, Comm. 3,	Goldsboro
Yeomans, Edgar Dawson, Arts 2,	Washington, D. C.
Yoder, Sterling Olin, Arts-Educ. 1,	Hickory
Yost, Fielding Harris, Jr., Arts 1,	Ann Arbor, Mich.
Younce, Adam, Law 1,	Spencer
Young, David Alexander, Med. 2,	Raleigh
A.B., 1928.	
Young, Marion Justice, Comm. 4,	Spartanburg, S. C.
Young, Osgood Jefferson, Comm. 1,	Reynolds, Ga.
Young, Thomas Bayard, Jr., Arts-Educ. 4,	Monroe
Young, Wiley Royster, Sci. Med. 2,	Angier
Youngblood, John Otis, Arts-Educ. 3,	Fletcher
Zachary, Claude Russ, Comm. 1,	Franklin
Zappa, Francis Vincent, Arts-Educ. 3,	Baltimore, Md.
Zealy, Robert Lyles, Arts 3,	Goldsboro
zur Burg, Henry Hermann, Arts 3,	Asheville

STUDENTS IN LAW (SUMMER) 1928)

Allen, Walter Daniel,	Weldon
A.B., 1925.	
Anderson, John Huske, Jr.,	Chapel Hill
Bell, Spencer,	Charlotte
A.B., Duke University, 1927.	
Bridges, Edward Loss,	Orlando, Florida
Bryan, Joseph Shepard,	Dunn
A.B., 1915.	
Butler, James Edward,	Glen Alpine
Campbell, Kenneth Alexander,	Atlanta, Ga.
B.S., Oglethorpe University, 1926.	
Camden, Arthur Jordan,	Amherst, Va.
A.B., Roanoke College, 1928.	
Clark, Gerald LeClaire,	Fayette, Ky.
Coates, Kenneth Daniel,	Smithfield
A.B., 1925.	
Covington, Augustus McAlister,	Linden

Crew, James Winfield, Jr., A.B., 1928.	Pleasant Hill
Crissman, Walter Edgar, A.B., 1926.	High Point
Crumpler, Junius Allen,	Roseboro
Currie, Daniel Allan, B.S., Davidson College, 1928.	Fayetteville
Devin, William Augustus, Jr., A.B., 1926.	Oxford
Dickson, George Graham, A.B., 1923.	Raeford
Farrior, Marsden Lee,	Rose Hill
Fenton, Abe Edwin,	Charleston, W. Va.
Feild, David Meade,	Hertford
Folk, James Raymond, A.B., University of S. C., 1925.	Edgefield, S. C.
Fordham, Jefferson Barnes, A.B., 1926.	Greensboro
Franklin, Earl Ruffin, A.B., Trinity College, 1905. A.M., <i>ibid.</i> , 1908.	St. Pauls
Gardner, Dillard Scott, A.B., 1928.	Reidsville
Giles, Robert Theodore, A.B., Duke University, 1921.	Chapel Hill
Godwin, Howard Gibson,	Dunn
Grady, Charles Gilbert, A.B. in Educ., 1927.	Four Oaks
Harding, Franklin Daniel Boone, A.B., 1925.	Yadkinville
Harmon, John Obie, A.B., 1924.	Pittsboro
Harrell, John Henry, A.B., 1926.	Merry Hill
Holshouser, James Eubert, A.B., Davidson College, 1925.	Blowing Rock
Holton, Samuel Martyn, A.B., Trinity College, 1921. A.M., <i>ibid.</i> , 1925.	Durham
Hoover, John Clay, B.S., Washington and Lee University, 1922.	Webster Springs, W. Va.
Hudgins, Daniel Edward, Jr., A.B., 1928.	Marion
James, Myriel Anderson, A.B., 1924.	Asheville
Jennette, John Robert, LL.B., University of Ga., 1928.	Goldsboro
Johnson, James Edwin,	Benson
Johnson, John L., A.B., Howard College, 1927.	Birmingham, Ala.

Jones, Robert William,	Chapel Hill
Kartus, Alvin Sigmond,	Asheville
Lee, Harold Kenneth Justice,	Chapel Hill
Lentz, Ruby Fay,	Gold Hill
A.B., Catawba College, 1927.	
Lippitt, Devereux Haigh, Jr.,	Wilmington
A.B., 1928.	
McAnally, Charles Wesley,	High Point
A.B., 1925.	
McCabe, Joseph Ivey,	Columbia, S. C.
McDow, William Clarkson,	York, S. C.
LL.B., University of S. C., 1928.	
McDaniel, George Dawson,	Albany, Ga.
A.B., 1927.	
McGehee, George Badger,	Chapel Hill
A.B., 1927.	
McIntosh, Andrew Campbell, Jr.,	Chapel Hill
A.B., 1927.	
Mangum, Charles Staples, Jr.,	Chapel Hill
A.B., 1927.	
Martin, Richard Wilson,	Norfolk, Va.
Motsinger, John Fairbanks,	Wallburg
A.B., 1928.	
Myers, Theodore Alva,	Bishopville, S. C.
A.B., Wofford College, 1925.	
Powell, Henry Thurman, Jr.,	Henderson
A.B., Davidson College, 1928.	
Price, Charles,	Salisbury
A.B., 1928.	
Roberts, Carrollton A.,	Geneva, N. Y.,
Rollins, Thomas Scott, Jr.,	Asheville
Rouse, Charles Francis,	Kinston
A.B., 1927.	
Sandford, Warren Franck, Jr.,	Asheville
A.B., 1925.	
Sapp, Armistead Wright,	Greensboro
A.B., 1925.	
Sharp, Susie Marshall,	Reidsville
Shaw, George M.,	Raleigh
Shuford, Robert Ernest,	Asheville
Sizemore, Henry Daniel, Jr.,	Chapel Hill
Smathers, Robert Hoyle,	Canton
A.B., Duke University, 1925.	
Smith, Dorsey Dewey,	Laurel Hill
A.B., 1925.	
Smith, Edward Hampton,	High Point
Sprinkle, Thomas Weaver,	Raleigh
A.B., Trinity College, 1916.	
Strickland, William Herman,	Benson

Studdert, Carter,
 Tremain, Rawleigh Lewis,
 A.B., Guilford College, 1921.
 A.M., 1926.
 Whitley, Philip Ray,

Washington
 Windsor

Wendell

UNDERGRADUATES

NOTE: The figure 1 after a name indicates that the student attended the first term; the figure 2 that he attended the second term; and the figures 1, 2, that he attended both terms.

Aaron, Harold Isaac, 1, 2,
 Abbott, Laura Johns, 1,
 Adams, Clifford Rose, 1, 2,
 Adams, Junius Greene, Jr., 1,
 Adams, Sara Hood, 1,
 Adams, Mrs. William Gaston, 1,
 Aiken, Gladys, 1,
 Ainsley, Ira Caswell, 1,
 Albright, Clarice Rufus, 1,
 Alderman, Bessie Keith, 1,
 Alderman, Hilda Moran, 1,
 Alexander, Clara, 2,
 Alexander, Marion Romaine, 1, 2,
 Allen, Crethie Lee, 1,
 Allen, George Elmore, 2,
 Allen, James Bruton, 1,
 Allison, Adele Lilly, 1,
 Allison, Ida Williams, 2,
 Allred, Christine Ewing, 1,
 Allred, Nettie Kapp, 1,
 Alston, Mrs. James Lindsey, 2,
 Alston, Lillie Whitehurst, 1,
 Alston, Susie Hunt, 1,
 Anderson, Dorothy Virginia, 1,
 Anderson, Mae, 1,
 Anderson, Mary, 1,
 Anderson, Martha James, 1, 2,
 Anderson, Mary Montgomery, 2,
 Anderson, Viola Margaret, 1,
 Andrews, Agnes, 1,
 Andrews, Buren Frost, 1,
 Andrews, Charles Dana, 1,
 Angel, Ola, 1,
 Armfield, Celeste, 1,
 Arnold, Della, 1,
 Arnold, Ralph Davis, 1,
 Arthur, Katie Belle, 1,
 Ashburn, Arthur Lee, Jr., 1, 2,

Spencer.
 Leaksville.
 Jonesboro.
 Asheville.
 Monroe.
 Four Oaks.
 Jefferson.
 Oak City.
 Seagrove.
 Atkinson.
 Elizabeth City.
 Columbia.
 Asheville.
 Seaboard.
 Latta, S. C.
 Troy.
 Washington, D. C.
 Charlotte.
 Aberdeen.
 Mt. Airy.
 Hollister.
 Littleton.
 Townsville.
 Statesboro, Ga.
 Harlem, Ga.
 Roanoke, Va.
 Charlotte C. H., Va.
 Woodruff, S. C.
 Richburg, S. C.
 Chapel Hill.
 Trinity.
 Burlington.
 Boonville.
 Monroe.
 Harmony.
 Fuquay Springs.
 Jacksonville.
 Winston-Salem.

- Askew, Sarah Dunn, 2,
Atkinson, Esther Barlowe, 1,
Atkinson, Louise, 1,
Auman, Hazel Meryle, 2,
Auman, Jason Reid, 1, 2,
Auman, Thelma Graham, 1,
Austin, Ernest Schley, 1, 2,
Austin, Forest Gunter, 1,
Avent, Edward White Jr., 1,
Aycock, Pearl, 1, 2,
Aydlett, Abner Laurance, 2,
Ayers, Cornelia, 1,
Ayers, Vance Odell, 1,
Bacon, Robert Stillwell, 1, 2,
Badham, Emily Wood, 1, 2,
Bailey, Mrs. Loretto Carroll, 1, 2,
Bailey, Lucy Eloise, 1, 2,
Bailey, Myrtle Geneva, 1,
Baker, Evelyn Norene, 2,
Baker, Merritt Clarence, 1,
Balch, Mabel Inez, 1, 2,
Baldwin, Mrs. Annie Liles, 1, 2,
Ball, James Weeks, 1, 2,
Ballard, Clyde Arthur, 1,
Ballard, Evelyn Tormen, 1,
Ballard, Ray Wolsey, 1, 2,
Banks, Robert Floyd, 1,
Barbee, Neva Flowers, 1,
Barber, Benjamin George, Jr., 1, 2,
Barber, Frances Lucile, 1,
Bardin, Susie Anna, 1,
Bardin, Susie Lyell, 1,
Barefoot, Ada Terexa, 2,
Barfield, Idolene, 1,
Barham, Paul Franklin, 1,
Barksdale, Mrs. Mamie Muth, 1,
Barnés, Carrie Irène, 2,
Barnes, Sadie Viola, 2,
Barnes, Thetis O'Neil, 1,
Barnette, Catherine McAlpine, 1,
Barnhardt, Albert Earl, 2,
Barnhill, Lelia Blanche, 1, 2,
Barnwell, James Alexander, 1, 2,
Barrett, Walter David, 1, 2,
Barrow, Mildred Arsula, 1,
Barrows, William Rowley, 1,
Baskin, Minnabel, 1,
Whitakers.
Vista.
Greenville.
Seagrove.
Ellerbe.
West End.
Taylorsville.
Raeford.
Bynum.
Micro.
Elizabeth City.
Rowland.
Plymouth.
Mobile, Ala.
Edenton.
Chapel Hill.
Clinton, S. C.
Morganton.
Murfreesboro.
Buffalo, N. Y.
Leaksville.
Lilesville.
Elizabeth City, N. C.
Weaverville.
Charleston, W. Va.
Walnut.
Chester, S. C.
Zebulon.
Asheville.
Asheville.
Chadbourn.
Chadbourn.
Dunn.
Cordele, Ga.
Marion, S. C.
Whiteville.
Gumberry.
Columbia.
Statesboro, Ga.
Winston-Salem.
Concord.
Scotland Neck.
Chapel Hill.
Robbinsville.
Farmville.
New Britain, Conn.
Selma, Ala.

- Bass, Raymond Elmo, 1, 2,
Battle, Josephine, 1,
Baucom, Clifford Randall, 1, 2,
Baum, Gladys Mae, 1,
Baxter, William Kennedy, Jr., 2,
Baysden, Ruth Helen, 1,
Beacham, Grady Aulston, 1, 2,
Beam, Alfonso, 1,
Beam, Ruth Evelyn, 1,
Beaman, Annie, 1,
Beaman, Katie, 2,
Beaman, Mildred, 1,
Beaver, Birdie Ruth, 1, 2,
Beckwith, Evelina Gilbert, 1,
Bell, Carden, 1, 2,
Bell, Caroline Hampton, 1,
Bell, Margaret, 1,
Bell, Margaret Cowles, 1,
Benbow, Willow Way, 1, 2,
Benton, George Ruffin, 1, 2,
Berryhill, Mary Elizabeth, 1,
Best, George Washington, 1, 2,
Bethea, Ruby Claire, 1,
Betts, Blannie Hawkins, 1,
Betts, John Monie, 2,
Beville, Phares Demoville, 2,
Bielling, Alberta, 1,
Biggs, William Archibald, Jr., 1, 2,
Bigham, Martha Brownlee, 2,
Bishop, Madeline, 1,
Bivens, Hurston Steele, 1,
Bivens, Sadie M., 1,
Black, Isadore Erwin, 1, 2,
Black, Sarah Shaw, 1,
Black, Vance Arthur, 1,
Blackmon, Myrtle Claire, 1,
Blackwelder, Roy Busby, 1,
Blackwell, Putman Watkins, 1, 2,
Blackwood, Carl Walter, 1, 2,
Blair, William Kennett, 1,
Blake, Mrs. Allie Mae, 1,
Blake, Roy Baxter, 1, 2,
Blalock, Sadie Byrd, 1,
Bland, Charles Albert Jr., 1,
Bland, Ellen Mae, 1, 2,
Blanton, Winnie Rebecca, 1, 2,
Blevins, Judson Jeter, 1,
Black Creek.
Rocky Mount.
Marshville.
Fairfield.
New Bern.
Turkey.
Kitty Hawk.
Cherryville.
Shelby.
Clinton.
Clinton.
Stantonsburg.
Rockwell.
Lumberton.
Dawson, Ga.
Hamptonville.
Maysville.
Hamptonville.
Oak Ridge.
Fremont.
Charlotte.
Goldsboro .
Latta, S. C.
Fuquay Springs.
Greensboro.
Mobile, Ala.
Lake Butler, Fla.
Rockingham.
Chester, S. C.
Hampton, Va.
Goldsboro.
Monroe.
Asheville.
Wilmington.
Mt. Holly.
Columbus, Ga.
Concord.
S. Boston, Va.
Melvin Hill.
Greensboro.
Chapel Hill.
Mocksville.
Hurdle Mills.
Charlotte.
Carrboro.
Shelby.
Grassy Creek.

Blevins, Lester Wayne, 1,	Grassy Creek.
Blocker, Estill, 1,	Bluffton, Ga.
Bloom, Sam, 2,	Kinston.
Boettcher, Ruth Proctor, 1,	Rocky Mount.
Bolton, Lottie, 1,	Woodland.
Bond, Sallie J., 1,	Windsor.
Boney, Eunice Jaunita, 1, 2,	Rose Hill.
Boney, Mrs. Inez Crump, 1, 2,	Rose Hill.
Bonner, John Havens, 1,	Chapel Hill.
Bookout, Corene Mary, 1,	Rock Hill, S. C.
Boone, Helen, 1,	Jackson.
Boone, Mrs. J. E., 1,	Jackson.
Booth, Alma Rose, 1, 2,	Cary.
Borland, Mary Jane, 1,	Hillsboro.
Bost, Ila Mae, 2,	Shelby.
Bost, William Jackson, 1, 2,	Concord.
Bostic, Margaret Elizabeth, 1,	Forest City.
Boswell, Bonnie, 1,	Black Creek.
Bowen, Elizabeth McIver, 1,	Lake City, S. C.
Bowen, Miss Harriet, 1, 2,	Chapel Hill.
Boyd, Elizabeth, 1,	Charlotte.
Boyd, Evelyn, 1,	Charlotte.
Boyd, Elizabeth Simmons, 1,	Morven.
Boyett, Jaunita Usher, 1, 2,	Chadbourn.
Boyette, Florence Eleanor, 1,	Lucarna.
Boykin, William Hardie, 1, 2,	Simms.
Brabham, Norma, 1,	Walterboro, S. C.
Bradham, George Washington, 1,	New Bern.
Bradley, Anne Elizabeth, 1, 2,	Scotland Neck.
Bradley, Edith Taylor, 1,	Seaboard.
Brady, Ila, Lee, 1, 2,	Smithfield.
Brady, Lucille Clara, 2,	Moncure.
Brannon, Lela Novella, 1,	Jonesboro.
Brantley, John Calvin, Jr., 1,	Raleigh.
Braswell, William Thomas, 1, 2,	Whitakers.
Brawley, Frances Todd, 1, 2,	Statesville.
Brawley, Robert Vance Jr., 1,	Salisbury.
Braxton, Herman Harrison, 1,	Saxapahaw.
Brewer, Mary Lane, 1,	Red Springs.
Bridger, Mrs. T. H., 1,	Dunn.
Briles, Clyde Wallace, 1, 2,	High Point.
Briley, Minnie Ree, 2,	Polkton.
Brinson, Kate Ray, 1,	Grantsboro.
Brisco, Ruth Littleton, 1,	Marion, Va.
Britt, Jessie, 1, 2,	Calypso.
Britt, Louise Sallie, 1, 2,	Calypso.
Broadus, Margaret Carlisle, 1, 2,	Decatur, Ala.

Brock, Mrs. Benjamin Wadsworth, 1,
 Brock, Mrs. Josie, 1,
 Brod, Jack Leonard, 1, 2,
 Brooks, Corene, 1,
 Broughton, Dorothy Winifred, 1,
 Brower, Jennie Eleanor, 2,
 Brown, Bertram Hoole, 1, 2,
 Brown, Elmer Evans, 1,
 Brown, Elma H., 1,
 Brown, Eva Virginia, 2,
 Brown, Gladys Tyson, 1,
 Brown, Henry Nicholas, 1,
 Brown, Janie, 1,
 Brown, James Arthur, 1,
 Brown, Sarah Arma, 1,
 Brown, Sadie Belle, 1,
 Bruce, Helen Jeanette, 1,
 Brunjes, John Henry, 1, 2,
 Brunson, Jean, 1,
 Bryant, Eloise, 1, 2,
 Bryson, James Davis, 1, 2,
 Bryson, William Hugh, 1,
 Buchanan, Kathryn Anne, 1,
 Buckner, Clara Ellen, 1, 2,
 Buenbaum, Mrs. Mary House, 1,
 Bull, Margaret Gertrude, 1,
 Bullock, Helen Gertrude, 1, 2,
 Bullock, John David, Jr., 1,
 Bulluck, Viola Elliot, 1,
 Bunker, Dennis Nathan, 1, 2,
 Bunn, Mrs. Bonnie David, 1, 2,
 Burgin, Bonnie Marie, 1, 2,
 Burgin, Minnie Cumae, 1, 2,
 Burke, Ruth Vivian, 1, 2,
 Burke, William Levi, Jr., 1, 2,
 Burwell, Sara Alston, 1,
 Bush, Albert Peyton, Jr., 2,
 Bush, Mrs. Grover Cleveland, 1,
 Butler, Allie Leon, 2,
 Butler, Carmen Mallette, 1, 2,
 Butler, Raymond Clauddeus, 1, 2,
 Butler, Verna Esther, 1, 2,
 Butt, Connie Elizabeth, 1, 2,
 Byerly, Robert Terrell, 1,
 Byrer, Virginia, 1,
 Cabaniss, Adelaide, 1,
 Caldwell, Barron Pressly, 1,

Creswell.
 Wilmington.
 Charlotte.
 Montezuma, Ga.
 Benson.
 Wadesboro.
 Tarboro.
 Greensboro.
 Pinetops.
 Hyman, S. C.
 Macclesfield.
 Chapel Hill.
 Cullowhee.
 Cleveland.
 Macclesfield.
 Pinetops.
 Blackshear, Ga.
 Wilmington,
 Florence, S. C.
 Chadbourn.
 Cullowhee.
 Cullowhee.
 Hampton, Va.
 Alexander.
 Thelma.
 Norfolk, Va.
 Stem.
 Rocky Mount.
 Rocky Mount.
 White Plains.
 Lillington.
 Marion.
 Waynesville.
 La Grange.
 Burlington.
 Townsville.
 Mobile, Ala.
 Lenoir.
 Glen Alpine.
 Roseboro.
 Clinton.
 Hoffman.
 Wrightsville Beach.
 Cooleemee.
 Martinsburg, W. Va.
 Shelby.
 Cliffside.

- Caldwell, Charles Alonzo, 1, 2,
Calhoun, Charles Dobyns, 1, 2,
Calhoun, Daniel Malloy, 1,
Calhoun, Mabel Louise, 1,
Calhoun, Newton Sudderth, 1, 2,
Calvert, Julia Munro, 1,
Calvert, May, 1,
Camp, Emily Katherine, 1,
Campbell, Herman Luther, 1,
Cannon, Ruby Elizabeth, 1,
Cardwell, Raymond, 1,
Carpenter, Mary Eve, 1,
Carpenter, Mary Lewise, 1, 2,
Carpenter, Stanley Manning, 1,
Carpenter, Velma Fayth, 1,
Carr, Attie Bordeaux, 1,
Carr, Martha Catherine, 1,
Carr, William Bryant, 2,
Carr, William Gray, 1,
Carroll, Amick Lewis, 2,
Carroll, Milus Hogue, 1, 2,
Carson, Mary, 1, 2,
Carter, Miriam C., 1,
Carty, Josephine, 1,
Case, Vivian, 1,
Cashatt, Cyrus Everett, 1,
Cate, Noel Eugene, 1,
Cates, Claudia, 1,
Cathey, George, 1, 2,
Cato, Alma Odeska, 1, 2,
Caudle, James Nettleton, 1,
Causey, Jennie Marie, 2,
Caveness, William Fields, 1,
Chadwick, Donald Gray, 1,
Chandler, Gladys Mae, 1,
Chapin, Anne Wise, 2,
Chapin, Martha Rebecca, 2,
Chapman, Mrs. Kate Gouldin, 1,
Charles, Mrs. Gladys Chapman, 1,
Cheatham, George Kittrell, 1,
Cheatham, James Hamlin, 1,
Cheatham, William Churchill, 1,
Cheek, Lucille M., 1,
Cheek, Nelle Rives, 1,
Chesnutt, Gladys W., 1,
Chesnutt, Margaret Mae, 1,
Chitty, Velna Claire, 1, 2,
Chrisco, Josie, 1,
Taylorsville.
Raleigh.
Laurinburg.
Rocky Mount.
Raleigh.
Jackson.
Jackson.
Forest City.
Raeford.
Ayden.
Lenoir City, Tenn.
Wilmington.
Dallas, Texas.
Durham.
Lincolnton.
Wallace.
Wallace.
Hillsboro.
Wilson.
Pittsboro.
York, S. C.
Barnardsville.
Magnolia.
Belhaven.
Farmville.
Jamestown.
Chapel Hill.
Chapel Hill.
Candler.
Chester, S. C.
Greensboro.
Columbia, S. C.
Raleigh.
Straits.
Maxton.
Newport News, Va.
Newport News, Va.
Grifton.
Grifton.
Henderson.
Henderson.
Henderson.
Sanford.
Chapel Hill.
Turkey.
Adel, Ga.
Murfreesboro.
Badin.

Clark, Hope, 1, 2,	Statesville.
Clark, Harriet Louise, 1,	Clarkton.
Clark, Ransom Edward, 1,	Pinetops.
Coats, Allene Gertrude, 1,	Fuquay Springs.
Cobb, Jacob Ernest, 1, 2,	Columbus.
Coble, Ola L., 1,	Mt. Ulla.
Cochran, Mattie Laura, 1,	Newton.
Cole, George Frederic, 1, 2,	Southern Pines.
Cole, Minnie Helen, 1, 2,	Rockingham.
Colie, Lenora, 1, 2,	Chapel Hill.
Collett, Mrs. Charlotte, 1,	Wilmington.
Colley, Elizabeth Stiles, 1,	Bloomsburg, Pa.
Collins, Frances, 1, 2,	Chester, S. C.
Collins, James Sidney, 1, 2,	Angier.
Coltrane, Raymond Field, 1, 2,	Guilford College.
Colwell, Harry Carroll, 1,	Burgaw.
Comer, John Waltz, 1, 2,	Dobson.
Compton, Lila Chalmers, 1,	Greenwood, S. C.
Connelly, Jennie Eloise, 1,	Godwin.
Connor, Mary Hadley, 1,	Wilson.
Connor, Spencer Morgan, 1,	Asheville.
Conrad, Miss Jonnie Lee, 1,	Hoffman.
Cook, Dennis Shelton, 2,	Lenoir.
Cook, Sara Louise, 1,	Social Circle, Ga.
Cook, Victor Olan, 1,	Lenoir.
Coppersmith, Elisha, Jr., 2,	Elizabeth City.
Corbett, Mary Ellen, 1,	Currie.
Corbitt, Margaret Lee, 2,	Sunbury.
Core, Joseph Anderson, 1, 2,	Oxford.
Cornwell, George Thomas, 1, 2,	Lawndale.
Couch, Georgia Anna, 1,	Chapel Hill.
Council, Jane Cooper, 1,	Red Springs.
Covington, Hattie Mae, 2,	Wadesboro.
Covington, Mrs. Jane Elizabeth, 1,	Monroe.
Cowper, George Vernon, 1, 2,	Lenoir.
Coxe, Thomas Chatterton, Jr., 1, 2,	Wadesboro.
Craddock, Hazel Marie, 1,	Creswell.
Craig, Elsa Snowden, 1, 2,	Chapel Hill.
Craig, Mrs. Mary Latham, 2,	Charlotte.
Craven, Claude Jackson, 1,	Charlotte.
Crawford, Charles Mason, Jr., 1,	Chapel Hill.
Crawford, Earl Elson, 1,	Winston-Salem.
Crawford, Hampton Burnett, 2,	Pocahontas, Va.
Crawford, Lois Gwendolyn, 1,	Chadbourn.
Crawford, Ruth Ardell, 1, 2,	Hillsboro.
Crawford, Stranleigh Beverley, 1,	Cornelia, Ga.
Crawley, George Edward, 1,	Essex.
Creel, Lucille Ida, 1,	Dunn.

Cromartie, Lottie, 1, 2,	Elizabethtown.
Cromartie, Mary Blanche, 1,	Elizabethtown.
Crosland, Henry Herbert, 1,	Bennettsville, S. C.
Crotts, Hylton Kenneth, 2,	Winston-Salem.
Crowell, Ernest Glenn, 2,	Concord.
Crowell, Margaret Estelle, 2,	Concord.
Crump, Cornelia Harriet, 1, 2,	Polkton.
Cubbedge, Grace Clare, 1,	Savannah, Ga.
Culbreth, Graham McKenzie, 2,	Raeford.
Culbreth, Mrs. Lattie Alston, 1, 2,	Falcon.
Culpepper, Lucy Lea, 1,	Wilson.
Curlee, Edmund Lane, 1, 2,	Burlington.
Currie, Mary Lynn, 1,	Carthage.
Cutting, Edith Stanford, 1,	Lexington.
Dalton, Charles Claxton, 1, 2,	Forest City.
Dalton, David Joseph, 1, 2,	Red Springs.
Daniel, Frances Jeanette, 1,	Keysville, Ga.
Daniel, Mrs. Irene Butler, 1,	Chapel Hill.
Daniel, Rex Emerson, 1, 2,	New Bethlehem, Pa.
Darnell, Mrs. I. D., 1,	Durham.
Daughtry, Benjamin James, 1, 2,	Faison.
Davis, Abram Maxwell, 1,	Chapel Hill.
Davis, Bessie May, 1, 2,	Warrenton.
Davis, Benson Willis, 1, 2,	Marion.
Davis, Elizabeth Eleanor, 1,	Winston-Salem.
Davis, Ethel May, 1,	Mt. Olive.
Davis, Etta Mae, 1, 2,	Whiteville.
Davis, George Thomas, 1,	Lake Landing.
Davis, Harriett Iva, 1,	Cortland, N. Y.
Davis, Jewell Faye, 1,	Clemmons.
Davis, Lealand Jackson, 1, 2,	Davis.
Davis, Margaret, 1,	Newberry, S. C.
Davis, Martha Elizabeth, 1,	Columbia, S. C.
Davis, Mary Ruby, 1, 2,	Waynesville.
Davis, Ron, 1, 2,	Todd.
Davis, Ralph Earle, 1, 2,	Burlington.
Davis, Rowland Lucius Jr., 1,	Cortland, N. Y.
Dawson, Leighton Brooks, 1, 2,	Waco, Texas.
Dawson, Philip Francis, 2,	Charlotte.
Day, Ethel Kathryn, 1, 2,	Southern Pines.
Dayvault, Elizabeth, 1,	Concord.
DeArmon, James Wirt, 1,	Charlotte.
deRosset, Louis Henry, 2,	Wilmington.
Dean, Lucretia Webb, 1,	Louisburg.
Deen, Donnella, 1,	Bunnell, Fla.
Deese, Gaston Lee, 1, 2,	Monroe.
Deese, Robert Clinton, 1, 2,	Lumberton.
Dellinger, Edna Gertrude, 1,	Cherryville.

Denton, Ernest Cicero, 1,
Devine, John William, 1,
Dewar, William Henry, 1, 2,
Deyton, L. Gibson, 1,
Dickson, Albert Joseph, 1,
Dickson, Helen deVane, 1,
Dimmick, Freda, 1,
Dirnberger, Mary Catherine, 2,
Dixon, Alwyn Ray, 1, 2,
Dixon, Max Rubert, 1, 2,
Dockery, Nicholas West, 1,
Dodson, Lois Anna, 1,
Doduck, Frederick Isadore, 1, 2,
Dortch, Helen, 1, 2,
Douglas, Claire Janet, 2,
Douglas, William Berryman, 2,
Downing, Marion, 1, 2,
Downs, William David, 1, 2,
Drew, Bernice Irene, 1, 2,
Dry, William Henry, 1, 2,
Duncan, Grace Wilson, 1,
Duncan, Thelma Smith, 1, 2,
Dunlap, Mary, 1,
Eagles, Zilpha Bothia, 1,
Early, Mrs. William Jackson, 1,
Eaves, Robert Wendell, Jr., 1,
Edgar, Gertrude Marian, 1, 2,
Edgerton, Glenn Saunders, 1, 2,
Edmondson, Ernest Clinton, 2,
Edmundson, Addie Mae, 1,
Edwards, Agnes Johnsie, 1,
Edwards, Bessie, 1,
Edwards, Clara Lucy, 1,
Edwards, Elizabeth, 1, 2,
Edwards, Julius Cummins, 1,
Edwards, Mary Virginia, 2,
Edwards, Nell, 1, 2,
Edwards, Paul Revere, 1,
Edwards, Perrin Wardlaw, 1,
Edwards, Rosa, 1,
Edwards, Ruth Costen, 2,
Edwards, Rufus Robert, 1,
Edwards, William Ferrell, 1,
Eley, Marian Vann, 1,
Elliott, Eugenia Barbara, 1,
Ellis, Mrs. Allen Leonard, 1,
Ellis, Annie Lou, 2,
Ellis, Blanche Clinkseales, 1,

Whitakers.
Lynchburg, Va.
Fuquay Springs.
Green Mountain.
Calypso.
Raeford.
Sanford.
Chapel Hill.
Whitakers.
Shelby.
Rockingham.
Spruce Pine.
Torrington, Conn.
Chapel Hill.
High Point.
Florence, S. C.
Fayetteville.
Asheville.
Chapel Hill.
Cary.
Beaufort.
Columbia, Va.
Wagram.
Tarboro.
Aulander.
Forest City.
Fort Lauderdale, Fla.
Kenly.
Hassell.
Wilson.
Seaboard.
Saluda, S. C.
Pendleton.
Portsmouth, Va.
Guilford College.
Wilson.
Sylva.
Falcon.
Ellerbe.
Hendersonville.
Sunbury.
Falcon.
Mars Hill.
Franklin, Va.
Lattimore.
Charlotte.
Fayetteville.
Darlington, S. C.

- Ely, John Lawrence, 1, 2,
Erskine, Maude, 1, 2,
Ervin, Clara E., 1,
Ervin, John Witherspoon, 1,
Erwin, Eugene Haynes, 1, 2,
Esbridge, Elbert Stanford, 1, 2,
Etheridge, Gladys Mary, 1, 2,
Etheridge Viola, 1,
Eubanks, Lyda Harris, 1,
Evans, William Stuart, 1,
Everett, Thomas Russell, 1,
Falls, Hope, 1,
Farmer, Lucile, 1,
Farmer, Leslie Sharpe, 1,
Farrell, Edith Elizabeth, 1, 2,
Farrell, William York, 1, 2,
Farrior, John Edward, Jr., 1,
Faucette, Maude Ray, 1,
Ferguson, Charles Lee, 1, 2,
Ferguson, Elizabeth, 1,
Ferguson, Rachel Buchanan, 2,
Ferguson, Virginia California, 1,
Finch, Anna Josephene, 1,
Finch, Mattie Collins, 1, 2,
Fisher, Mrs. Harriet Moye, 1,
Flack, Mrs. Minnie C., 1,
Flemming, Annie Lucy, 1,
Fletcher, Dorothy May, 1,
Floyd, Alberta, 1,
Foard, Edison Glenn, 1,
Foley, Laura Hudgins, 1,
Forbes, Fannye Martha, 1,
Forbes, Josephine Lewis, 1,
Forbes, Mary Venable, 1,
Ford, Annie Mae, 1, 2,
Ford, James Edward, Jr., 1, 2,
Ford, John Frederick, 1,
Forehand, Orsdell Haywood, 1,
Forester, Maurine, 1, 2,
Forrest, Louise Mary, 1,
Forrester, Roy Lane, 1, 2,
Foster, Beulah Ethel, 1,
Foust, Lizabel, 1,
Fouts, Mrs. Croatan Lofton, 1, 2,
Fowler, Edwin Mitchell, 1,
Foy, Mrs. Mabel A., 1,
Fritz, Willie Beatrice, 2,
Davidson.
Charlotte.
Ellisville, Miss.
Morganton.
W. Durham.
Lawndale.
Wilson.
Whitakers.
Chapel Hill.
Rowland.
Seaboard.
Gastonia.
Chapel Hill.
Elm City.
Philadelphia, Pa.
Mebane.
Rose Hill.
Effland.
Waynesville.
Durham.
Spartanburg, S. C.
Murfreesboro.
Guilford College.
Henderson.
Wilmington.
Forest City.
Grifton.
Live Oak, Fla.
Barnesville.
Charlotte.
Greenville.
Fountain.
Tarboro.
Farmville, Va.
Lowell.
Belmont.
Belmont.
Falcon.
Dallas, Texas.
Effland.
Liberty.
Salisbury.
Graham.
Chapel Hill.
Durham.
Mount Airy.
Lexington.

Froneberger, Ernest Ross, 1,	Bessemer City.
Frye, Jennie, 2,	West End.
Fuller, Henry Banks, 1, 2,	Thomasville.
Fuller, William Pace, 1,	Durham.
Gaddy, Bessie, 1,	Wingate.
Gaillard, Kate Millichamp, 1,	Charleston, S. C.
Galloway, Alexander Henderson, Jr., 1, 2,	Winston-Salem.
Garfunkel, Lorraine, 2,	Miami, Fla.
Garlick, Edna, 1,	Henderson.
Garrett, Florence, 1, 2,	Price.
Garrison, Ralph Bernard, 1,	Glen Alpine.
Gaskins, Faye Nancy, 1,	Grifton.
Gaston, Katherine, 1,	Belmont.
Gates, Emma Lee, 1, 2,	Rougemont.
George, Pauline, 1, 2,	Four Oaks.
Gerdeman, Beatrice Lucille, 2,	St. Petersburg, Fla.
Gibbs, Laura Virginia, 2,	Beaufort.
Gibbs, Ruth Ruard, 2,	Beaufort.
Gibson, Meta, 1,	Gibson.
Gibson, Nettie, 1,	Gibson.
Gibson, Thelma, 1, 2,	Laurinburg.
Gignilliat, Charles, Jr., 1,	Seneca, S. C.
Gilchrist, Effie Kelly, 1,	Cameron.
Gilchrist, Rachel Kelley, 2,	Cameron.
Giles, Ned Butler, 1, 2,	Glen Alpine.
Gilliam, Paul Denny, 2,	Altamahaw.
Gilmore, Mrs. Mary Arnold, 1,	Sanford.
Gleaton, George Newsome, 2,	Conners, Ga.
Glenn, Mrs. Katie Brown, 1,	Graham.
Glickman, Sidney, 1, 2,	New York, N. Y.
Godbee, Margaret Gresham, 1,	Waynesboro, Ga.
Godwin, Ella, 2,	Wade.
Gold, Donnis Glair, 1, 2,	Lattimore.
Gold, James Howard, 1, 2,	Greensboro.
Goodson, Margaret Alice, 1, 2,	Mt. Olive.
Goodson, Mary Katherine, 1, 2,	Mt. Olive.
Goodwin, Cary Jackson, 1,	Apex.
Gouge, Esse Vee, 1,	Bakersville.
Gower, Frances Elizabeth, 1,	Cordele, Ga.
Grady, Eva, 1, 2,	Mt. Olive.
Grady, Elsie Swink, 1, 2,	Kenly.
Grady, James Robert, 1, 2,	Seven Springs.
Grady, Mary Eloise, 1, 2,	Kenly.
Graham, Ethel Irene, 1,	Dunn.
Graham, Josephine W., 1,	Burlington.
Graham, Kara L., 1,	Burlington.
Gray, Bowman, Jr., 1,	Winston-Salem.

Green, Mrs. Charlotte Hilton, 1, 2,	Raleigh.
Green, Cora Lee, 1,	Warrenton.
Green, Lucy Lambeth, 2,	Alton, Va.
Greene, Ollie Blanche, 2,	Rocky Mount.
Greene, Ruth, 1,	Monroe.
Greenlee, Mary Margaret, 1,	Old Fort.
Griffin, James Odell, 2,	Reidsville.
Griffin, Louise, 1,	Macesfield.
Grimes, Bryan, 1, 2,	Washington.
Groves, Catherine, 1, 2,	Chapel Hill.
Grubbs, Mrs. Bessie Tysinger, 1, 2,	Mars Hill.
Grubbs, Eunice Elizabeth, 1,	Winston-Salem.
Guider, Kate Mildred, 1,	Montarun, Va.
Guilds, Edith Irene, 1,	Charleston, S. C.
Gulledge, Nannie Eason, 1, 2,	Wadesboro.
Gunter, Margaret Mae, 1,	Sanford.
Gurganus, Ransom Herman, 1, 2,	Jacksonville.
Hackney, Hoyt Milton, 1, 2,	Siler City.
Hadley, Charles William, 2,	Badin.
Hagans, Mrs. Geraldine Bowen, 1,	Hookerton.
Haire, Eloise, 1,	Chapel Hill.
Haislip, George Smith, 2,	Hassell.
Hall, Alton Parker, 1, 2,	Candler.
Hall, Henry Reynolds, 1, 2,	Clemmons.
Hall, James Brownlee, 1, 2,	Belmont.
Hall, Mary Wood, 1,	Scotland Neck.
Hall, Ralph Eugene, 1,	Cornelius.
Hallman, John Frank, 2,	Marshville.
Hallman, Joseph Floyd, 1,	Vale.
Halsey, Leonard Kenney, 1, 2,	Mouth of Wilson, Va.
Hamer, George Winston, 1,	McColl, S. C.
Hamilton, John Wallace, 1,	Atlantic.
Hamm, Rose, 1,	Silverstreet, S. C.
Hamrick, Asa Harrill, 2,	Shelby.
Hamrick, Mary Elizabeth, 1,	Cliffside.
Hand, Lottie, 1,	Belmont.
Haney, Katherine, 1,	Woodstock, Ga.
Hansen, Gudrun Elizabeth, 1,	New Orleans, La.
Harden, Annie Ruth, 1,	Graham.
Harden, James Turner, 1,	Graham.
Hardesty, George Davis, 1, 2,	New Bern.
Hardin, Jason Hugh, 1, 2,	Forest City.
Hardin, Zelpha, 1,	Acme.
Harding, Sarah Elizabeth, 1, 2,	Greenville.
Hardison, Alfonso, 1,	Cove City.
Hardy, Elizabeth Broughton, 1,	Barnesville, Ga.
Hardy, Mary Alice, 1, 2,	Amelitz, Va.

Harkrader, Winfred Trent, 1, 2,
Harman, Ann Carey, 1,
Harper, Mrs. Daisy Williams, 1,
Harper, Maude Marguerite, 1,
Harrelson, Edwin Hugh, 1, 2,
Harrelson, Pearl, 1,
Harrill, Henry Clay, 1, 2,
Harrington, Walter Wilson, 1, 2,
Harris, Eunice Sears, 1,
Harris, John Graham, 1,
Harris, Margaret Earle, 1,
Harris, Ptolemy Tinsley, 2,
Harris, Sarah Alice, 1,
Harris, Virginia, 1, 2,
Harrison, Elizabeth Mamie, 1,
Harrison, Mrs. Katherine White, 1, 2,
Harrison, Thomas Pendleton, 1, 2,
Hart, Gladys, 1,
Hartsell, Boyd Allen, 1, 2,
Harvey, Nell Lee, 2,
Harward, James, 1, 2,
Harward, Lula Lee, 2,
Haskell, Louis Aldworth, 2,
Haskins, Albert Lewis, Jr., 1, 2,
Hatcher, Mrs. John Thomas, 1, 2,
Hatem, Shafick George, 1, 2,
Hatfield, Louise Lillian, 1,
Hauser, Margaret Louise, 1,
Hawes, Mary Curtis, 1,
Hawley, Mrs. Mary C., 1,
Hayes, Carrie Belle, 1, 2,
Hayes, Clara Gray, 1, 2,
Hayes, Loula Mae, 1,
Headen, Welford Albert, 2,
Heafner, Beulah Frances, 1,
Heath, Allen Watson, 1,
Heath, Mary Elizabeth, 1, 2,
Heathington, John Allen, 2,
Hedgpeth, Edward McGowan, 2,
Helms, Christine, 1,
Helms, Edna, 1,
Helms, Eunice Caldwell, 1,
Helms, Frank McLarty, 1,
Henderson, Mrs. Lollie Freeman, 1,
Hendren, Dorcas, 1,
Hendren, William Rufus, 1,
Hendricks, Louise, 1,

Dobson.
Tazewell, Va.
Pembroke.
Louisville, Tenn.
Cherryville.
Cherryville.
Ellenboro.
Taylorsville.
Salisbury.
Chapel Hill.
Henderson.
Silverstreet, S. C.
Seaboard.
Concord.
Lowell.
Plymouth.
Chapel Hill.
Whaleyville, Va.
Concord.
Crouse.
Oakboro.
Chapel Hill.
Augusta, Ga.
Reidsville.
Four Oaks.
Greenville.
Creswell.
High Point.
Thomson, Ga.
Goldsboro.
Spring Hope.
Spring Hope.
Four Oaks.
Siler City.
Crouse.
Charlotte.
Augusta, Ga.
Charleston, S. C.
Elm City.
Monroe.
Monroe.
Monroe.
Monroe.
Jacksonville.
Hiddenite.
N. Wilkesboro.
Tifton, Ga.

Hendricks, Margaret Glenn, 1,	Tifton, Ga.
Henry, Nathaniel Harding, 1, 2,	Chapel Hill.
Henry, Norwood Miller, 1,	Kelly.
Herman, Carrie Jane Elizabeth, 1, 2,	Conover.
Herring, Alta Ferle, 1,	Clinton.
Herring, Annie Wells, 1,	Burgaw.
Herring, Marianna, 1,	Clinton.
Herring, Mary Elizabeth, 2,	Wallace.
Herring, Mary Ellen, 1,	Clinton.
Herring, Nona Mae, 1,	Clinton.
Hester, Mrs. Maggie Richardson, 1,	Wendell.
Hewitt, Alma Lucile, 1,	Conover.
Hicks, Elsie May, 1, 2,	Raleigh.
Higgins, T. Paul, 1,	Traphill.
Hill, Dorothy, 1, 2,	Sasser, Ga.
Hilliard, Emily Cole, 1,	Warrenton.
Hinnant, Ruby Doughtridge, 1,	Rocky Mount.
Hinson, Marion Thomas, 1,	Sanford.
Hinton, Annie Thelma, 2,	Jacksonville.
Hinton, George Roy, 1,	Kenly.
Hobgood, Hamilton Harris, 1, 2,	Bunn.
Hobson, Fred Colby, 1,	Booneville.
Hocutt, Ruth, 1,	Chapel Hill.
Hofler, Mrs. Oscar Lloyd, 1,	Camden.
Hogan, Lucille, 1, 2,	Chapel Hill.
Hogan, Mary Warren, 1, 2,	Chapel Hill.
Hogan, Pearl Halford, 1, 2,	Chapel Hill.
Holder, Mrs. Naomi, Dail, 1,	Pink Hill.
Holland, Mabel Louise, 1,	Columbia, S. C.
Holland, Mrs. Mattie Lee, 1, 2,	Falcon.
Hollingsworth, Mrs. Jesse Gentry, 1, 2,	Mount Airy.
Holloway, Willa Lee, 1, 2,	Varina.
Hollowell, Ira Dixie, 1, 2,	Belvidere.
Holmes, George Hamilton, Jr., 1, 2,	Tryon.
Holt, Don Shaw, 1, 2,	Graham.
Holt, Lewis H., 1,	Whitsett.
Holton, Alford Jesse, 1,	Durham.
Holton, Eleanor Smith, 1,	Winston-Salem.
Holton, George Montague, 1, 2,	Cash Corner.
Hook, Clarke Winters, 1, 2,	Elon College
Hooper, Weston Carr, 1,	East Laporte.
Hoover, Freddie Jane, 1,	Newton.
Hoover, Mary Greenlee, 1,	Monroe.
Horn, Blanche, 1,	Boston, Ga.
Horney, Giles Foushee, 1, 2,	Greensboro.
Horton, Erma Christine, 1,	Suffolk, Va.
Horton, Margie Lee, 1, 2,	Zebulon.

Houser, Vida Lillian, 1, 2,	Crouse.
Houston, Francis Marion, 1,	Raleigh.
Howard, Eugenia, 1,	Norfolk, Va.
Howard, Nelson Ferebee, 1, 2,	Tarboro.
Howell, Annie Reginald, 1,	Peachland.
Howell, Elizabeth, 1,	Goldsboro.
Howell, Kenneth Wolfe, 1, 2,	Hendersonville.
Howell, Nelle, 1,	Peachland.
Hudnall, Beth, 1,	Sumter, S. C.
Hudson, Benjamin Bailey, 1, 2,	Benson.
Hudson, Catherine Baker, 1,	Newman, Ga.
Hudson, Mrs. Eleanor, 2,	Lumberton.
Hudson, May Elizabeth, 1,	New Bern.
Hudson, Maggie Mae, 1,	Winston-Salem.
Hudson, Mrs. Maude S., 1,	Greensboro.
Hudson, Percy, 1, 2,	Dunn.
Hudson, Tennie, 1,	Dunn.
Huffman, Mary Louise, 1,	Morganton.
Hufham, Lottie Eveline, 1, 2,	Chadbourn.
Hughes, Blanche, 2,	Green Mountain.
Hughes, Early Lee, 1, 2,	Trinity.
Hughes, Margaret Elizabeth, 1,	Cedar Grove.
Hunt, Alice Norada, 1,	Oxford.
Hunt, William Lanier, 1,	Pomona.
Hunter, Elwood Cortelyou, 1, 2,	Tobaccoville.
Hunter, Marvin Nathaniel, 1, 2,	Huntersville.
Hurley, Patty Eliza, 1,	Biscoe.
Huske, Isaac Hall, 1,	Fayetteville.
Huss, Thomas Kearn, 1, 2,	Cherryville.
Hutchinson, Richard, 1,	La Grange, Ga.
Hutchison, Mrs. R. H., 1,	Snow Camp.
Hutson, Alta Maie, 1,	Liberty.
Ingram, John Robert, Jr., 1,	Sanford.
Isley, Avery Lucian, 1,	Burlington.
Ivey, Annie Elizabeth, 1, 2,	Mount Olive.
Ivey, Mrs. J. R., 1,	Littleton.
Ivey, Nita, 1, 2,	Mount Olive.
Jackson, Morris B., 1,	Newport, N. Y.
Jackson, Roy Auchibell, 1, 2,	Pinetown.
Jackson, Thelma Elizabeth, 1, 2,	Dunn.
James, Brandon Franklin, 1, 2,	Winterville.
James, Charlie Jordan, 1,	Durham.
James, Helen Blanton, 1,	Mt. Pleasant.
Jefferies, Dorris Claudia, 1,	Gaffney, S. C.
Jefferies, Irma, 1, 2,	Gaffney, S. C.
Jenkins, Frederika Peace, 1, 2,	Raleigh.
Jenkins, Louise, 1,	Atlanta, Ga.

Jenkins, Mrs. Mary Pauline C., 1,	Wingate.
Jenkins, Roy Dorris, 2,	Clayton.
Jennings, Elizabeth, 1,	Cordele, Ga.
Jennings, John Leonard, Jr., 1,	Danville, Va.
Jessup, Robert Moore, 1, 2,	Guilford College.
Jessup, William Edward, 1, 2,	Kernersville.
John, Margaret McRae, 1,	Laurinburg.
Johnson, Mrs. Allie E., 1,	White Oak.
Johnson, Annie Willie, 1,	Union, S. C.
Johnson, Frederick Burr, 1,	Raleigh.
Johnson, George Mann, 1,	Cedar Creek.
Johnson, Helen Grace, 1,	Sanford.
Johnson, Henry Livingston, 1,	Dillon, S. C.
Johnson, Helen Orval, 1, 2,	High Point.
Johnson, Joseph Edward, 1,	Benson.
Johnson, James Harris, 1, 2,	Chapel Hill.
Johnson, Lelia Ann, 1,	Pittsboro.
Johnson, Mabel Edith, 1,	Ormand Beach, Fla.
Johnson, Millard Gardner, 1,	Four Oaks.
Johnson, Mary Wray, 1, 2,	Fuquay Springs.
Johnson, Sallie Mae, 1,	Rose Hill.
Johnson, William Herman Eckart, 1, 2,	Chapel Hill.
Johnson, William Pearce, 1,	Charlotte.
Johnston, Addie Louise, 1, 2,	Mebane.
Johnston, Fannie Burney, 1,	Littleton.
Johnston, Fred Odell, 1, 2,	Kelford.
Johnston, Ruby, 1,	Davidson.
Jones, Annie Farrow, 1,	Fairfield.
Jones, Clarence D., Jr., 1,	Hillsboro.
Jones, David Smith, 1, 2,	Schlater, Miss.
Jones, Hilda Roberts, 1, 2,	Mt. Olive.
Jones, Mrs. James Bate, 1,	Brevard.
Jones, Julia Ethelyn, 1,	Sheppards, Va.
Jones, Louise Virginia, 2,	Winter Park, Fla.
Jones, Nenah Gertrude, 1, 2,	Carrboro.
Jones, Pauline Margaret, 1, 2,	Mt. Olive.
Jones, Sara Esther, 1, 2,	W. Asheville.
Jones, Viola Wade, 1,	Stem.
Jones, Willard Leonard, 1,	Pelzer, S. C.
Joyner, Frances Louise, 1, 2,	Louisburg.
Joyner, Hazel, 1,	Magnolia.
Justice, Ashley Curtis, 1,	Chapel Hill.
Kail, David, 1,	New York, N. Y.
Kearse, Hilda, 1,	Columbia, S. C.
Keith, Theodore Roosevelt, 1,	Currie.
Keller, Harry William, 1, 2,	Cullowhee.
Kelly, William Clark, 1, 2,	Mobile, Ala.

Kemp, Mrs. Mary Owen, 1,	Chapel Hill.
Kendall, William Earl, 2,	Notwood.
Kendrick, Elizabeth, 1,	Hertford.
Kesler, Thomas Lingle, 1,	Salisbury.
Kimball, Arline, 1,	Townsville.
Kimball, Helen Katherine, 1,	Townsville.
Kincaid, Priscilla, 1,	Cleveland.
Kincaid, Sara Linster, 1,	Cleveland.
King, Clayborne Stanford, 1, 2,	Princeton.
King, Eula Lawton, 2,	Smithfield.
King, Lucy Cornelia, 1,	Greenville.
Kingsbury, William Henry, 2,	Mount Airy.
Kinlaw, Eva Carol, 1, 2,	St. Pauls.
Kirkland, Katherine, 1, 2,	Columbia, S. C.
Kitchen, Donald Omega, 1,	Greenville, S. C.
Knoefel, Arthur Eugene, Jr., 1, 2,	Black Mountain.
Knudsen, Isabelle Lorna, 1, 2,	Hendersonville.
Kornegay, James Mary, 1,	Mt. Olive.
LaFar, Margaret Freeman, 2,	Savannah, Ga.
LaFrage, Anne, 1,	Salters, S. C.
Lambe, Annie, 1,	Siler City.
Lamm, Journey Dailey, 1, 2,	Wilson.
Lancaster, Sallie Maude, 1, 2,	Vanceboro.
Lane, Benjamin Benson, Jr., 1,	Chapel Hill.
Lane, William Hooks, 1, 2,	Stantonsburg.
Lark, Mrs. Ida Taylor, 2,	Gate City, Va.
Lassiter, Claude Shinn, 1, 2,	High Rock.
Lassiter, Elizabeth Quinton, 1,	Aulander.
Lassiter, James Harrison, 1,	Charlotte.
Lassiter, Ruth, 1,	Aulander.
Latta, John Patterson, 1,	Chapel Hill.
Laughlin, Robert Mangum, 1, 2,	Waynesville.
Lawson, George William, 1, 2,	Chapel Hill.
Lay, Henry Champlin, 1,	Beaufort.
Leach, Eva, 1,	Hope Mills.
Leake, Olive, 1,	Rich Square.
Leary, Eugene, 1, 2,	Merry Hill.
Leath, MacLean Bacon, 1,	Rockingham.
Lee, Annie, 1,	Monroe.
Leggett, Benjamin Gilbert, 2,	Scotland Neck.
LeMay, Margaret Elliott, 1,	Smithfield.
Lemmond, Mamie Pharr, 1, 2,	Monroe.
Lentz, Ada Lillian, 1, 2,	Gold Hill.
Leonard, Etta Caroline, 2,	Lexington.
Leonard, Mary Dayton, 1,	Salisbury.
Lewis, Dolly Louise, 2,	Wilson.
Lewis, Edna Margaret, 1,	Rocky Point.

Lewis, Knox Malloy, 1,
Lewis, Leona Frances, 1,
Lewter, Elsie Beatrice, 1,
Lilly, Mrs. Lilly Underwood, 1,
Linn, Marie Lucile, 1, 2,
Lipscomb, Edward Russell, 1, 2,
Lipscomb, Myldred Emes, 2,
Little, Julia Katherine, 1,
Little, Mattie Ruth, 1,
Lloyd, Grace Mae, 1, 2,
Long, Alonzo Forrest, 2,
Long, Jesse Melvin, 1, 2,
Love, George W., 1,
Love, Robert Andrew, 1, 2,
Lovett, Alice, 1,
Lowe, Dorothy, 1,
Lumpkin, Virginia Dabney, 1,
Lupton, Carroll Crescent, 1, 2,
Lyerly, Janie, 1,
Lyon, Margaret Jordan, 2,
McArthur, Thomas Alton, 1,
McBane, George Clyde, 2,
McCall, L. R., 1,
McCarthy, Lawrence Llewellyn, 1,
McClain, Margaret Bailey, 1,
McClain, Martha Leigh, 1,
McClelland, Emily Madison, 1,
McCollum, Elizabeth, 1,
McCone, Howard Thomas, 1, 2,
McConnell, Kathleen, 1, 2,
McCook, Sue, 1, 2,
McCord, Mary, 1,
McCotter, DeWitt Clinton, 2,
McCracken, Josephine Morris, 2,
McCrommen, John, 1,
McCutchen, Jennie Gilland, 2,
McDade, Mary Belle, 1,
McDonald, Bernice, 1,
McDonald, Sarah Lillian, 2,
McDougald, Edelweiss, 1,
McDowell, Bradford, 2,
McDowell, Rose Kathleen, 1,
McDuffie, Cora Lavinia, 1, 2,
McEachern, Mary McNeill, 1,
McElwee, Adah Drummond, 2,
McElwee, Mrs. Fannie Fort, 1, 2,
McFall, Elizabeth Jane, 1,

Pembroke.
Tabor.
Severn.
Albemarle.
Salisbury.
Greensboro.
Mt. Holly.
West Palm Beach, Fla.
Rocky Mount.
Chapel Hill.
Charlotte.
Mollie.
Horse Shoe.
Gastonia.
Atlanta, Ga.
Elon College.
Danville, Va.
Hillsboro.
Hickory.
Columbia, S. C.
Cordele, Ga.
Snow Camp.
Ingold.
Covington, Va.
Rutherfordton.
Rutherfordton.
Maxton.
Summerfield.
Haddenfield, N. J.
Jefferson.
Macon, Ga.
Hodges, S. C.
Cash Corner.
Sanford.
West End.
Nesmith, S. C.
Hillsboro.
Chadbourn.
Newman, Ga.
Clarkton.
New Rochelle, N. Y.
News Ferry, Va.
Rennert.
Red Springs.
York, S. C.
Statesville.
Anderson, S. C.

McGee, Eunice, 1,	Charlotte.
McGehee, Delilah, 1,	Jamestown.
McGhee, William Rexie, 1, 2,	Angier.
McGlamery, Wiley Abbott, 1,	Hayesville.
McGlohon, Ethel, 1,	Winterville.
McGoogan, Annie Alford, 1,	Quitman, Ga.
McGowan, Andrew Dixon, 2,	Wilson.
McGranaham, Edith Belle, 2,	Durham.
McGregor, Mrs. Clifton Hicks, 1, 2,	Laurinburg.
McGuire, Edith Palmer, 1,	Wolf Trap, Va.
McInnis, Ernest Clewell, 1,	Clio, S. C.
McIntosh, Mrs. Charles Eugene, 1,	Chapel Hill.
McIver, Margaret, 1,	New Bern.
McKay, Eunice Stacy, 1, 2,	Lincolnton.
McKee, Lewis Middleton, 1,	Durham.
McKenzie, Matthew Brandon, 1,	Salisbury.
McKinley, Johnsie Louise, 1,	Kannapolis.
McKinney, Mrs. Edward Fulton, 1, 2,	Mt. Airy.
McKinney, Louise Elizabeth, 1, 2,	Mt. Airy.
McKinnon, John Henderson, 1,	Red Springs.
McKnight, Willie Elizabeth, 1,	Gastonia.
McLauchlin, Jenny Margaret, 1,	Lowell.
McLaughlin, Calvin Sturgis, 1, 2,	Charlotte.
McLawhorn, Helen, 1, 2,	Vanceboro.
McLean, May, 1,	Gastonia.
McLure, Mary Poulton, 2,	Saluda.
McMillan, Mrs. Currie, 1,	Stedman.
McMillan, Gertrude, 1,	Wade.
McMillan, Mary Eliza, 2,	Red Springs.
McMurray, Davies, 1,	Waxhaw.
McNeil, John Milton, 1,	Millers Creek.
McNeill, Della, 1,	Seagrove.
McNinch, Frank Ramsay, Jr., 1, 2,	Charlotte.
McQueen, Flora,	Dunn.
McRacken, Angus Raymond, 1, 2 ,	Shannon.
McWhorter, Malcolm Hubert, 1, 2,	Bethel.
Mackey, Frank, 1, 2,	Camden, S. C.
Maddox, Kenneth Pitts, 2,	Greensboro.
Madison, Blaine Mark, 2,	Elin.
Magette, Mary Lucile, 1,	Wilson.
Magner, James Edward, 1,	Philadelphia, Pa.
Mallard, Alice, 1,	Teachey.
Malone, Jones Fuller, 1,	Henderson.
Malone, Wex Smathers, 1,	Asheville.
Maner, Adelaide Sams, 1,	Garnett, S. C.
Maness, Bertie Jane, 1,	Biscoe.
Maness, Mary Lula, 1,	Biscoe.

Maness, Margaret Myrtle, 1,	Biscoe.
Maney, William Robert, 2,	Biltmore.
Mangum, Bessie, 1, 2,	Stem.
Mann, Mrs. J. I., 1,	Carrboro.
Marlette, Laura E., 1,	Saxapahaw.
Marrow, Alice Lee, 2,	Tarboro.
Marrow, Harriet Cox, 1,	Tarboro.
Marsh, Romolus Luther, 1, 2,	Dublin.
Marshall, Bynum Ashley, 1, 2,	Guilford College.
Marshall, Beatrice Charles, 1,	Currie.
Marshall, Mary Walpole, 1,	Leaksville.
Marshall, Sallie Matt, 1,	Walnut Cove.
Marshall, William Leak, Jr., 1, 2,	Wadesboro.
Martin, Clay Norma, 1, 2,	Wilson.
Martin, Faye, 1,	Greensboro.
Martin, Katharine, 1,	Chapel Hill.
Martin, Leona Mary, 1, 2,	Yadkinville.
Mason, Louise Jones, 1,	Durham.
Mason, Mamie, 1,	Atlantic.
Matheson, Willa Lou, 1, 2,	Chapel Hill.
Matthews, Charles Odell, 1, 2,	Kernersville.
Matthews, Clara Wellington, 2,	Clinton.
Matthews, Ernestine, 1,	Sanford.
Matthews, Eldora Frances, 2,	Clinton.
Matthews, Ida Correne, 1, 2,	Seaboard.
Maultsby, Maggie McLean, 1, 2,	Whiteville.
Maus, James Reginald, 2,	Greensboro.
Maxwell, Jennie, 1,	Pink Hill.
Maxwell, Joseph Maurice, 1, 2,	Pink Hill.
May, Carolina Koonce, 1,	Grifton.
Mayo, Mayona Hattie, 2,	Snow Hill.
Mazyck, Henry deChastaignier, 1, 2,	Townsville.
Meacham, Julia Rebecca, 1, 2,	Statesville.
Meador, Cameron Cardwell, 1, 2,	Burlington.
Meador, Mrs. Esther Martin, 1, 2,	Wilson.
Mears, Annie Elizabeth, 1, 2,	Rocky Mount.
Mebane, William Carter, 2,	Wilmington.
Mecum, Fannie Love, 2,	Walkertown.
Medlin, Marion Butler, 1,	Raleigh.
Memory, Mrs. Eulalia, 1,	Lumberton.
Mencken, Henry George, 2,	Charlotte.
Mendenhall, Paul Alexander, 1, 2,	Greensboro.
Menzies, Balfour Gwaltney, 1,	Hickory.
Mercer, Frances, 1,	Beulaville.
Mercer, Grady, 1,	Beulaville.
Mercer, Lewis Albert, 1, 2,	Beulaville.
Mercer, Sarah Amanda, 1,	Fountain.

Merritt, Julia Woodley, 1,
Merritt, Lena Evelyn, 1, 2,
Metz, James Allen, 1,
Metzenthin, Esther M., 1, 2,
Michael, Alan White, 2,
Michael, Pearl, 2,
Michie, William Pope, 1,
Middleton, Mrs. Mattie Cronk, 1,
Midgett, Ellery Clark, 1,
Midgley, Willie Dorothy, 1,
Milam, Helen Elizabeth, 1, 2,
Miles, Lorena Estelle, 1,
Miley, Jennie Ray, 1,
Millar, Dell Webb, 1, 2,
Miller, H. Heywood, 1,
Miller, John Boyce, Jr., 1, 2,
Miller, Mrs. Kitsie McLamb, 1,
Miller, Pauline, 1, 2,
Miller, Ruth Nelson, 1,
Miller, Sara Jane, 1,
Millner, Mary Elizabeth, 1,
Mills, John Wells, 1, 2,
Minchener, Grace Lee, 1, 2,
Mitchell, Etta, 1,
Moffitt, Catherine, 1,
Molain, Ella Louise, 1,
Monroe, Lois, 1,
Monroe, Nancy, 1,
Monroe, Sarah Elizabeth, 1, 2,
Moore, Annie Tucker, 1,
Moore, Charles Jacob, 1,
Moore, Davis Lee, 1, 2,
Moore, Gladys Rebecca, 1,
Moore, Helen Scholz, 1,
Moore, John Flemming, 2,
Moore, Lucille Mary, 1,
Moore, Margaret Lillian, 1,
Moore, Mary Margaret, 1,
Moore, Nelle Schorb, 1, 2,
Moore, Paul Arrington, 1,
Moore, Sarah Cobb, 2,
Moore, Virginia, 2,
Morgan, Ellie Hortense, 1,
Morgan, George, Jr., 2,
Morgan, Karl Ziegler, 1,
Morris, Isabelle, 2,
Morris, Mattie Lou, 2,

Laurinburg.
Burlington.
Denver, Colo.
Chapel Hill.
Talladega, Ala.
Kernersville.
Durham.
Goldsboro.
Rodanthe.
Bennettsville, S. C.
Dallas, Texas.
Newsome, Va.
Walterboro, S. C.
Aulander.
Salisbury.
Rutherfordton.
Fairview.
Statesville.
Limestone, Tenn.
Ariel, Pa.
Leaksville.
Laurinburg.
Troy, Ala.
Goldsboro.
Wakefield, Va.
Barnwell, S. C.
Sanford.
Laurinburg.
Sanford.
Littleton.
Thomasville.
Stokes.
Prospect, Va.
Macon.
Spray.
Waynesville.
Teachey.
Clinton.
Boone.
Clinton.
Macclesfield.
Charlotte.
Benson.
Wilson.
Salisbury.
Albemarle.
Concord.

Morrow, Martha Connor, 1, 2,	Hendersonville.
Moye, Robert Sweeney, 1,	Greenville.
Moye, William Shelburn, Jr., 1,	Rocky Mount.
Munn, Jewell, 1, 2,	Biscoe.
Murphey, Sallie Chessie, 1, 2,	Louisburg.
Murray, Mattie, 1,	Anderson, S. C.
Murray, Martha Fainley, 1,	Laurinburg.
Muth, Marguerite Marie, 1, 2,	Edenton.
Myers, Ruby Jane, 1, 2,	Yadkinville.
Nance, Anna Christine, 1, 2,	Wingate.
Nance, Bronnie, 1, 2,	Wingate.
Nance, Lillian Nina, 1,	Lumberton.
Neal, Joseph Walter, Jr., 1,	Walnut Cove.
Neighbors, Georgia Myrtle, 1, 2,	Dunn.
Nelson, Charlie Etheridge, 1, 2,	Murfreesboro.
Nelson, Mrs. Foy Greene, 1, 2 ,	Oxford.
Nettles, Hiram Edward, 1,	Bessemer City.
Newell, Ruth, 1,	Scotland Neck.
Newell, Vivian, 1,	Scotland Neck.
Newman, Annie Warner, 2,	Leasburg.
Newsom, Susan Adelaide, 1, 2,	Littleton.
Nicholson, John Robert, 1, 2,	East Bend.
Nickels, Peggy Elizabeth, 2,	Greenville, S. C.
Nickey, Addison Boyd, 2,	Memphis, Tenn.
Nickles, Mary, 1,	Abbeville, S. C.
Nickles, Ruth, 2,	Hodges, S. C.
Nims, David Anderson, 2,	Mt. Holly.
Noble, Alice, 1,	Richmond, Va.
Noble, Vendetta Zobedia, 1,	Deep Rein.
Norman, Edmund Brabble, Jr., 1,	Stonewall.
Norment, Martha V., 1,	Darlington, S. C.
Norton, Elva, 1,	Laurinburg.
Norton, Ruby Ruth, 1,	Laurinburg.
Norwood, Mrs. Nell Powell Thomas, 1, 2,	Chapel Hill.
O'Briant, Willie Lee, 1,	Stem.
O'Donnell, John Burke, 1, 2,	Raleigh.
O'Neal, Pearl Annie, 1,	Middletown.
O'Neil, Frank Church, 1, 2,	Henderson.
Odom, Jessie Anne, 2,	Bennettsville, S. C.
Oliver, Freddie, 1,	Selma.
Ormand, Benjamin Willis, 1, 2,	Dover.
Ormand, Elizabeth, 1, 2,	Kings Mountain.
Ormand, Robert James, 1, 2,	Bessemer City.
Osborne, Gladys Marion, 1,	Leaksville.
Osborne, Mildred Madison, 1, 2,	Leaksville.
Osteen, Susie Marian, 1,	Sumter, S. C.
Outerbridge, Mary Louise, 1,	Whitakers.

Outlaw, Sallie, 2,
Owen, Leila, 1,
Owens, Magnolia, 1,
Owens, Ruth Mildred, 2,
Packer, Ella Mae, 1,
Padgett, Dorothy Nancy, 1,
Page, Catharine Augusta, 1,
Page, Eula, 1,
Page, Jessie, 1,
Page, Julian Bernice, 2,
Palmer, Thomas Valentine, 2,
Pannell, James Howard, 1, 2,
Parham, Sallie Davis, 1,
Paris, Mrs. James Yancey, 1, 2,
Parker, Annie Pearle, 1, 2,
Parker, Edward Vann, 1, 2,
Parker, Howard Taylor, 2,
Parker, James Derward, Jr., 1,
Parker, John Harrison, 1,
Parker, Jesse Nicholas, 1,
Parker, Lois Marie, 1,
Parker, Sybil, 1,
Parker, William Carey, 1, 2,
Parkin, Nell, 1,
Parks, Myrtle, 1,
Parks, Mary Belle, 1,
Parrish, Clyde Eva, 1,
Parrish, Mrs. Oscar J., 2,
Parsons, Bernice Bowen, 1,
Parsons, Otis Simms, 1, 2,
Paschal, Mary, 1,
Patche, Eleanor Elizabeth, 1,
Pate, Mathew Kent, 1,
Patten, Metta Short, 1,
Patterson, Edwin Lemuel, 2,
Paul, Elizabeth Marian, 1,
Paul, Elliott Marvin, 1,
Peacock, Harriet Simmons, 1,
Peacock, Lucian Allen, 1, 2,
Peake, Thelma Beatrice, 1,
Pearce, Annie White, 1,
Pearson, Harry Hall, 2,
Peele, Richard Herbert, 1,
Peeler, Eula Maye, 1, 2,
Pegg, Mrs. Herbert Dale, 1,
Pegram, John David, 1,
Pendergraft, Gradon O'Kelly, 1, 2,

Seven Springs.
Spartanburg, S. C.
Columbia.
Statonsburg.
Clinton.
Walterboro, S. C.
Willard.
Yanceyville.
Marietta.
Belmont.
Lawndale.
Bakersville.
Raleigh.
Henderson.
Raleigh.
Goldsboro.
Garysburg.
Elm City.
Selma.
Charlotte.
Ahoskie.
Belton, S. C.
Raleigh.
Thomasville.
Kannapolis.
Kannapolis.
Coats.
Baltimore, Md.
Pickens, S. C.
Goldsboro.
Siler City.
Augusta, Ga.
Burlington.
Calypso.
Statesville.
Pembroke.
Pembroke.
Wilson.
Benson.
Toledo.
Washington, D. C.
Morganton.
Rich Square.
Salisbury.
Guilford College.
Jonesboro.
Chapel Hill.

Pendergraft, Mae, 1,	Chapel Hill.
Pendergraft, Pearl, 1,	Chapel Hill.
Penland, Blanche, 1, 2,	Hayesville.
Penland, Thelma, 1,	Hayesville.
Penney, Mrs. Nevah Grimes, 1,	Salisbury.
Perez, Armando Mendez, 1,	Havana, Cuba.
Perkins, Annie, 1,	Greenville.
Perkins, Julian Lawrence, 1,	Stokes.
Perry, Alton Whitmar, 1, 2,	Washington.
Perry, Pattie Virginia, 1,	Gatesville.
Perry, Sankie Ann, 1,	Pittsboro.
Perry, William Alva, 1, 2,	Mebane.
Person, Laura Frances, 1,	Macon.
Person, Mildred Ashton, 1,	Macon.
Petersen, Carlotta Dorothea, 1, 2,	Charleston, S. C.
Petersen, Mabel Olga, 1,	Charleston, S. C.
Petree, Carl Lee, 1, 2,	Winston-Salem.
Pettit, Flora, 1,	Gaffney, S. C.
Pettit, Ruth, 1,	Gaffney, S. C.
Peyton, Mary Lou, 2,	Columbus, Miss.
Pfaff, Eugene Edwin, 1, 2,	Pfafftown.
Pfuntner, Carl Herman, 1, 2,	Ft. Lauderdale, Fla.
Phelps, Louise, 1,	Raleigh.
Phillips, Anton Alexander, 1,	Raleigh.
Phillips, Coy Tatum, 1, 2,	Winston-Salem.
Phillips, Mrs. Florence Poteat, 1, 2,	Old Fort.
Phillips, Ina Lillian, 1,	Bear Creek.
Pickard, Nell Abbie Patterson, 1,	Chapel Hill.
Pickett, Nancy Ross, 2,	Madison.
Pierce, Lollie, 1, 2,	Hallsboro.
Pigott, Lillian Webb, 1,	Gloucester.
Pinholster, Lu Amanda, 2,	St. Petersburg, Fla.
Pitt, Bertha Mae, 1, 2,	Rocky Mount.
Pittard, Allene, 2,	Nelson, Va.
Pittard, Frances, 1,	Hester.
Pittard, Irene, 1, 2,	Nelson, Va.
Pittman, Mrs. Estelle Newland, 1, 2,	Clarkton.
Pitts, Irene, 1,	Enfield.
Pitts, Mary Gooch, 2,	Enfield.
Pitts, William Reid, 1, 2,	Glen Alpine.
Piver, Edward Lee, 1,	Beaufort.
Player, Johnnie, 1,	Cliffside.
Pleasant, Gerald John, 1,	Angier.
Poindexter, Charles Crawford, 1,	Franklin.
Pope, Clarence Hatcher, 1, 2,	Rose Hill.
Pope, Elsie Gray, 1,	Dunn.
Poppe, Ferdinande, 1, 2,	Tryon.

Powell, Annie Lee, 1,
Powell, Lavinia, 1,
Powell, Pearl Eugenia, 2,
Poyner, Graham Burgess, 1, 2,
Pratt, Elsie Swan, 1, 2,
Presson, Samuel Lee, 1,
Price, Constance Adele, 1,
Price, Dorothy, 1, 2,
Price, Essie Johnson, 1,
Price, George Wiley, 1,
Price, Hilda, 1,
Price, Henrietta Stuckey, 1, 2,
Price, Laura Ida, 1,
Price, Rebecca, 1, 2,
Pritchard, Bessie Lee, 1,
Pritchett, Mrs. Aliene Alexander, 1, 2,
Pritchett, Harry Wanamaker, 1,
Proctor, Ruth, 1, 2,
Proctor, Mrs. Zelma Wicker, 1,
Pruden, Mrs. Addie Bateman, 1, 2,
Pugh, William Milton, 1, 2,
Purcell, James Hopple, 1,
Purser, James Clayton, 2,
Putnam, Oeland, 1,
Quickel, John Cephas, 1, 2,
Quinerly, Nonnie Pearl, 1,
Raiford, Herman Clyde, 2,
Rainer, James Wood, 2,
Ramsaur, Jackson Townsend, 1, 2,
Ramsey, Elizabeth, 1,
Ramsey, Ellen Josephine, 1, 2,
Randolph, Cornelius Posey, 1,
Raney, Thomas Hansard, 1, 2,
Ranson, Robert Lacy, 1, 2,
Ranson, Rebecca Nelle, 1, 2,
Rawls, Cyrus Franklin, 2,
Ray, Mrs. Jessie Boyd, 1, 2,
Raynor, Noah Green, 2,
Reaves, Dixie, 1,
Rector, Thomas Beatty, 1, 2,
Reed, Robert Andrew, 1,
Reese, Otto Horace, 1,
Reeves, Cynthia M., 1, 2,
Register, Katherine Beardsley, 1, 2,
Register, Mrs. Nellie Beardsley, 2,
Reid, Paul Apperson, 1, 2,
Reid, Ralph Connor, 1, 2,

Whiteville.
Mt. Airy.
Harmony.
Moyock.
Efland.
Charlotte.
Emporia, Va.
Locust Grove, Ga.
Chalybeate Springs.
Whitakers.
Unionville.
Bishopville, S. C.
Charlotte.
Bishopville, S. C.
Aulander.
Creswell.
Creswell.
Scotland Neck.
Sanford.
Wake Forest.
Chapel Hill.
Waynesville.
Unionville.
Lincolnton.
Gastonia.
Grifton.
Norfolk, Va.
Mobile, Ala.
Kings Mountain.
Ivor, Va.
Shelby.
Green Mountain.
Chapel Hill.
Huntersville.
Huntersville.
Catherine Lake.
Cornwell, S. C.
Linden.
Raeford.
Asheville.
Sparta.
Henderson.
Laurel Springs.
Norlina.
Norlina.
Pilot Mountain.
Charlotte.

Reinhardt, Bertha, 1,
Reitzel, Blanche Correll, 1,
Rhame, Edward Clarkson, 1, 2,
Rhodes, Mrs. Katherine, 1,
Rice, Dorothy, 1,
Richards, Clara Collins, 1,
Richardson, Mrs. Bernice Spivey, 1,
Richardson, Lessie Maude, 1,
Richardson, William Banks, 1, 2,
Richmond, Mrs. Marguerite Claire, 2,
Rickman, Sarah Bonita, 1,
Riggsbee, Mrs. Mattie Gunter, 1,
Riggsbee, Mary Louise, 1, 2,
Riker, Lois Long, 2,
Ripley, Katherine Ashley, 1,
Ripple, Sadye, 1,
Rivers, Mary Lee, 1,
Roberts, Mae Willis, 1,
Roberts, Mrs. Sarah, 1, 2,
Robertson, James Mebane, 1, 2,
Robinson, Blanche Ira, 1,
Robinson, Mrs. Josephine Craven, 1,
Robinson, James Lee, Jr., 1,
Rockett, William Coltrane, 1, 2,
Rogers, Alfred Clinton, 1,
Rogers, Mattie Belle, 1, 2,
Roller, Jess, 2,
Rollins, Vance Benton, 1, 2,
Rondthaler, Edward, Jr., 1,
Roof, Mrs. Mary E. Wilson, 1,
Rosser, Lucy Augusta, 2,
Rothrock, Joan, 1,
Rountree, Jakie, 2,
Rourk, Mable, 1,
Rowell, Glenn Hatcher, 1,
Rowland, Adele Appliss, 1,
Royal, Eleanor, 2,
Royster, Roberta Mae, 1,
Rudisill, Bryte Murray, 1,
Russell, Claude Philip, 1,
Sadler, Maude Frew, 1,
Saine, Jennie Johnston, 1, 2,
Sales, John Claude, 1,
Samuels, Gertrude, 1,
Satterfield, Henry Clement, Jr., 1, 2,
Saunders, Beatrice Earle, 2,
Saunders, Carrie Mae, 1,

Newton.
Burlington.
Camden, S. C.
Wadesboro.
Halifax, Va.
Courtland, Va.
West End.
Wendell.
West End.
Chapel Hill.
Winston-Salem.
Sanford.
Carrboro.
Statesville.
Fort McPherson, Ga.
Welcome.
Chesterfield, S. C.
Fairfield.
Greensboro.
Charles.
Gastonia.
Wadesboro.
Gastonia.
Randleman.
Warsaw.
Fayetteville.
Hoffman.
Henderson.
Winston-Salem.
China Grove.
La Fayette, Ga.
Rockwell.
Hobbsville.
Supply.
Waxhaw.
Dunn.
Cordele, Ga.
Fallston.
Lincolnton.
Granite Falls.
Spencer.
Lincolnton.
Fletcher.
Thomson, Ga.
West Durham.
Fuquay Springs.
Burgaw.

Savage, Grace White, 1,
Sawyer, Mrs. Thomas Cecil, 1,
Scales, Sallie Elizabeth, 1, 2,
Scarboro, Clara Bell, 1,
Schaaf, Bernard John, 1, 2,
Schnell, Philip Frederick, 1, 2,
Scholl, Myrtle Aurelia, 1,
Schwartz, Bennie David, 2,
Schwartz, Harry Lewis, 1, 2,
Scott, Aldine Marie, 1,
Scott, Pauline Gilliam, 2,
Scroggs, Arthur B., 1, 2,
Seawell, Mrs. Annie F., 1,
Seawell, Ashley Flowers, 1,
Selby, Artie Pearl, 1,
Self, Mrs. Ethel Lulu, 1,
Sentman, Sara Crawford, 1,
Sergeant, Henry Newell, 1, 2,
Settle, Mrs. E. Ruth, 1,
Sexton, Janie Brown, 1, 2,
Seymour, James Percy, 1,
Shackelford, Annette, 1,
Shaffner, John Francis, 1, 2,
Shannon, Charles John, 1,
Sharp, Frances Powell, 1,
Sharpe, Nella, 1,
Shaw, Anna Catherine, 1,
Shaw, Mary Stamps, 1,
Sherman, Ruth Graham, 1,
Shield, Mary Peterson, 1,
Shields, Katharine Gheen, 1,
Shore, Roby Davis, 1, 2,
Shuford, William Burder, 1,
Sidbury, Mary Dell, 1, 2,
Sidbury, Nancy Dixon, 1,
Sigmon, Wales Franklin, 1, 2,
Simpson, Howard Holmes, 2,
Sinclair, John Frank, 1, 2,
Singleton, Edith Frances, 1,
Singleton, Nancy Virginia, 2,
Sitterson, Nina Louise, 1, 2,
Sizemore, Henry Daniel, Jr., 1,
Skaggs, Marvin Lucian, 1,
Slack, Ruth Elizabeth, 1,
Slade, James Jerry, Jr., 1,
Slate, Lester Hillard, 1, 2,
Sledge, Etta, 1, 2,

Rocky Mount.
Belcross.
Mt. Airy.
Garfield, Ga.
Chapel Hill.
Chapel Hill.
Angier.
Wilmington.
Charlotte.
Franklin, Va.
Brookneal, Va.
Hayesville.
Lemon Springs.
Sanford.
Belmont, Miss.
Moncure.
Statesville.
Roxboro.
Hays.
Varina.
Sanford.
Troy, Ala.
Winston-Salem.
Camden, S. C.
Madison.
Statesville.
Littleton.
Lumber Bridge.
Henderson.
Windsor.
Carthage.
Hamptonville.
Hickory.
Wilmington.
Ashton.
Alexis.
Roseboro.
West End.
Candor.
Henderson.
Plymouth.
High Point.
Chapel Hill.
Randleman.
Chapel Hill.
Spencer.
Draper.

- Sloan, Atwood, 1,
Smart, Margaret Pearl, 1, 2,
Smart, Rebecca, 1,
Smathers, Roy, 2,
Smiley, Wendell Wayne, 1, 2,
Smith, Anna C., 1,
Smith, Connie Elizabeth, 1, 2,
Smith, Elizabeth, 1,
Smith, Elizabeth Hill, 1,
Smith, Frances E., 1,
Smith, George Yale, 1, 2,
Smith, Helia Elizabeth, 1,
Smith, Lena Alma, 1,
Smith, Lois Cromartie, 1,
Smith, Mrs. Marguerite Ghent, 1,
Smith, Margaret Ruth, 1,
Smith, Nell Elizabeth, 1,
Smith, Mrs. Nannie Harvell, 1,
Smithey, Mamie, 1,
Smithwick, Helen Elizabeth, 1,
Smithwick, Laura Purnell, 1, 2,
Snipes, Grace Elizabeth, 2,
Snowden, George Washington, 1,
Snyder, Daniel Marshall, 1, 2,
Sockwell, Mamie Iola, 1,
Soles, Veata Docia, 1,
Somers, Emma Virginia, 1,
Sorrell, Eloise Harris, 1, 2,
Southerland, Ethel, 1,
Southerland, Mrs. R. W., 1,
Spaulding, Leon Adelbert, 1,
Spears, John Wesley Hartsfield, 2,
Speight, Ada Belle, 1,
Spell, George Fulton, 1,
Spence, Sidney Raleigh, 1,
Spencer, Lena May, 1, 2,
Spencer, Mary Inez, 1, 2,
Spivey, Herman Everette, 2,
Sprinkel, George Alsop, 1, 2,
Stacy, Paul John, 1,
Stacy, Thomas Walter, 1,
Stadiem, Isaac, 1, 2,
Stainback, Louray, 1,
Stallings, Nannie, 1, 2,
Stanfield, William Wesley, 1,
Stark, Willie Lee, 1,
Stearn, Esther, 1,
Wilmington.
Concord.
Concord.
Canton.
Marshall.
White Oak.
Marshville.
Bowden.
Mount Airy.
Stem.
Brooklyn, N. Y.
Monroe.
Ether.
Davidson.
Chapel Hill.
Shelby.
Albemarle.
Oak City.
Crumpler.
Louisburg.
Blounts Creek.
Dunn.
Asheville.
Hamlet.
North Wilkesboro.
Mullins, S. C.
Elon College.
Chapel Hill.
Willard.
Rocky Point.
Asheville.
Lillington.
Stantonsburg.
Red Springs.
Crystal Hill, Va.
Marion.
Rock Hill, S. C.
Clinton.
Richmond, Va.
Fallston.
Marion.
Kinston.
Henderson.
Asheville.
Creedmoor.
Townsville.
Belhaven.

Stearn, Helen, 1,
Stephenson, Annie Irene, 1,
Stevens, Elizabeth, 1,
Stevens, Kathleen, 1,
Stewart, James William, 1,
Stinson, Craig, 1,
Stinson, Frank Phillips, 1, 2,
Stinson, Mary Byers, 1,
Stone, George Pryor, 1, 2,
Stone, Helen, 1, 2,
Stone, Hero, 1, 2,
Stone, Ida Lee, 1,
Stone, Leon Girley, 1, 2,
Story, Anita, 1,
Stoute, Clara Mae, 1,
Stribling, Mrs. T. Leslie, 1,
Strickland, George Thomas, 1,
Stringfellow, William Archie, 1,
Stringfield, Vann Bernard, 1,
Stroupe, Mrs. Agnes Bates, 1,
Strudwick, Shepperd, Jr., 1, 2,
Stutts, Elizabeth Hamer, 1,
Styers, Aubrey William, 1, 2,
Sugg, Marvin Dixon, 1, 2,
Sugg, William Wingate, 1,
Suitt, Mrs. William I., 2,
Sullivan, Hardy Alexander, 1, 2,
Sullivan, Mary Elizabeth, 1,
Sumner, Benjamin Hampton, 1, 2,
Sumrell, Herman W., 1,
Sutton, Murriel Alice, 1, 2,
Swain, Anna Willits, 1,
Swain, Harvey Leo, 1, 2,
Swartz, Kenneth Wagner, 1,
Sweeney, Gladys Casper, 1,
Syder, Sabra Elizabeth, 2,
Talley, John Tucker, 1, 2,
Tanenhaus, Tobie Maxine, 1, 2,
Tarkington, Esther Neil, 1,
Tate, Albert Clark, 1, 2,
Tate, Maude, 1,
Tate, Mary Jane, 1, 2,
Tausend, Milton, 1,
Taylor, Cecil Grady, 1, 2,
Taylor, Catherine Kelso, 1, 2,
Taylor, Francis Marion, Jr., 2,
Taylor, Havens Edna, 1, 2,

Belhaven.
McCullers.
Monroe.
Varina.
Beaufort.
Norwood.
Statesville.
Norwood.
Greensboro.
Apex.
Apex.
Nashville.
Greensboro.
Waynesboro, Ga.
Stony Point.
Seneca, S. C.
Rocky Mount.
Asheville.
Clayton.
Pineville.
Hillsboro.
Gibson.
Rural Hall.
Greenville.
Chapel Hill.
Hillsboro.
Winter Garden, Fla.
Pinnacle.
Lincolnton.
Cove City.
Live Oak, Fla.
Augusta, Ga.
Harmony.
Dunmore, Pa.
Monroe, La.
Columbia.
New Hill.
Newark, N. J.
Winfall.
Elberton, Ga.
Lenoir.
Chapel Hill.
New York, N. Y.
Williamston.
Morganton.
Enfield.
Chapel Hill.

- Taylor, Nannie Louise, 1,
Taylor, Thomas James, Jr., 1,
Taylor, Virginia Caroline, 1,
Teague, Beda Sallie, 1,
Teague, Sherrill Burette, 1, 2,
Teal, Esther Louise, 1,
Thomas, Dixon, 1, 2,
Thomas, Edward Frank, 1,
Thomas, Gertrude Bell, 2,
Thomas, Phillip Langston, 1,
Thomason, William Franklin, 1,
Thompson, Alberta, 1,
Thompson, Ada Estelle, 1, 2,
Thompson, Annie Mariah, 1,
Thompson, Carrie Belle, 1, 2,
Thompson, Helen, 1,
Thompson, Hubert, 1,
Thompson, Katherine Allen, 2,
Thompson, Laurence, 2,
Thompson, Miriam Aline, 2,
Thompson, Mary Catherine, 2,
Thompson, Nell, 1,
Thompson, Neill Archie, 1,
Thomson, Sara Vance, 1,
Thornberg, Mary, 1,
Thrift, Mattie Mae, 1, 2,
Tilley, Reginald Roberts, 1, 2,
Todd, Leona Mae, 1,
Todd, Robert Leslie, 1, 2,
Todd, Virginia, 1,
Tomlinson, William Arron, 1, 2,
Townsend, Louise Betty, 2,
Townsend, Sara Bertha, 1, 2,
Traill, Olive, 1, 2,
Tripp, Clenie Lillian, 1,
Trippe, Jessie Lillian, 2,
Troland, Julia Calhoun, 1,
Trotter, Esta Lillian, 2,
Trotter, Hallie Elizabeth, 2,
Truitt, Grattis, 1,
Tucker, Celia Price, 1,
Tucker, Frances Marion, 2,
Tucker, Sue Ragland, 1,
Turlington, Mamie Lenora, 1,
Turner, Samuel Monroe, 1, 2,
Turner, Wilburne Wells, 1, 2,
Tyer, Thomas Ralph, 1, 2,
Kinston.
Mobile, Ala.
Greenwood, S. C.
Staley.
Statesville.
Wadesboro.
Jonesboro.
Bainbridge, Ga.
Ruffin, S. C.
Durham.
Clemmons.
Badin.
Chapel Hill.
Stantonsburg.
Goldsboro.
Fuquay Springs.
Richlands.
Asheville.
New York, N. Y.
Gaffney, S. C.
Forest City.
Badin.
Lumberton.
Anderson, S. C.
Timberland.
Chapel Hill.
Bahama.
Wendell.
Yadkinville.
Tabor.
Troy.
Waynesville.
McDonald.
Moore, S. C.
Blounts Creek.
Grifton.
Fredericksburg, Va.
Lykesland, S. C.
Mt. Holly.
Oriental.
Concord.
Scotland Neck.
Raleigh.
Clinton.
North Wilkesboro.
Chapel Hill.
Bath.

Tyler, Ruth Hope, 1,
 Umstead, Edwin Victor, 1, 2,
 Underhill, Gardner Dinkins, 1, 2,
 Underwood, Annie Laurie, 1,
 Uzzle, Mrs. Lulu L., 1,
 Vann, John Albert, 1,
 Vanstory, William Alfred, 1,
 Vatz, Oscar Carson, 1,
 Vaughan, Catharine, 1,
 Vaughan, Evan James, 2,
 Vaughan, Mary Ellen, 1,
 Vaughan, Mae Wood, 1,
 Vaughan, Ross Leroy, 1,
 Vaughan, Weddle Walter, 1,
 Venters, Kathleen, 1,
 Venters, Mary Lou, 1,
 Vinson, Sadie Walton, 1,
 Voorhees, Mrs. Drusilla Dofflemeyer, 2,
 Waddell, Rebekah Wyrick, 1,
 Waddill, Carey Petty, 1, 2,
 Wagoner, John Fillmore, 1, 2,
 Wakefield, Kathleen Brock, 1,
 Waldo, Effie, 1,
 Walker, Katherine, 1, 2,
 Walker, Mildred, 1,
 Walker, Ruth Gladys, 1,
 Wall, Clayton Payne, 1, 2,
 Wall, Mrs. Clayton Payne, 1, 2,
 Wall, Roger Irving, 1,
 Wallace, Bessie Gray, 2,
 Wallace, David Reid, 1,
 Wallace, Gladys, 1,
 Wallace, Mrs. Ida Willard, 1,
 Wallace, Kelly, 1, 2,
 Wandeck, William Roy, 2,
 Ward, Bernard Rudolph, 1, 2,
 Ward, Emma Lucas, 1, 2,
 Ward, James K., 1,
 Ward, Joseph Tyson, 1, 2,
 Ward, Mattie, 1, 2,
 Ward, Needham Edgar, Jr., 1, 2,
 Warden, Lois Morton, 1,
 Ware, Catherine Stinson, 1, 2,
 Wariner, William Henry, 1,
 Warren, Annie Laurie, 2,
 Warren, Catherine Edna, 1, 2,
 Warren, Mrs. Daisy Venitia, 1, 2,

Roxobel.
 Stem.
 Albany, N. Y.
 Raleigh.
 Wilson's Mills.
 Rocky Mount.
 Greensboro.
 Kinston.
 Richmond, Va.
 Rocky Mount.
 Virgilius, Va.
 Hampton, Va.
 Nashville.
 Elm City.
 Richlands.
 Richlands.
 Wilson.
 Pine Hall.
 Manchester.
 Henderson.
 Elon College.
 Piedmont, S. C.
 Hamilton.
 Chapel Hill.
 Chapel Hill.
 Graham.
 Vernon, Texas.
 Vernon, Texas.
 Wendell.
 Raleigh.
 Stanley.
 Raleigh.
 Stanley.
 Dover.
 Chapel Hill.
 Fairmont.
 Chapel Hill.
 Hendersonville.
 Chapel Hill.
 Seven Springs.
 Chapel Hill.
 Louisville, Ky.
 Wilson.
 Ruffin.
 Newton Grove.
 Elizabethtown.
 Dunn.

Warren, Mabel Estelle, 1,	Littleton.
Washington, Ettie, 1, 2,	Oxford.
Waters, Fred Monroe, 1,	Selma.
Watson, Helen Thomas, 1,	Wildwood.
Watts, Walter Archibald, 1, 2,	St. Pauls.
Way, Samuel Eason, 1,	Beaufort.
Way, William Andrew, 2,	Beaufort.
Webb, Lansing Stephen Thorne, 1,	New Orleans, La.
Webb, Robert Hoke, 2,	Raleigh.
Webb, Selma C., 1, 2,	Shelby.
Webster, James William, 1, 2,	Leaksville.
Weinstein, Robert, 1, 2,	Lumberton.
Welborn, Kermit Wayne, 1, 2,	Statesville.
Wells, Annie Marrette, 1,	Greenwood, S. C.
Wells, Eugene Ernest, 1,	Greenville, S. C.
Wells, Iona Mae, 2,	Edenton.
Wells, Robert John, 1,	Murphy.
Wessell, John Charles, 1,	Wilmington.
Wessell, Mabel Helena, 1,	Wilmington.
West, Mary Isabell, 1,	Warsaw.
West, Margaret Lee, 1,	Warsaw.
West, Mabel M., 1,	Wilmington.
West, Vonnie, 1,	Wests Mills.
Weston, Margaret Virginia, 1,	Lake Landing.
Wheeler, Josie Ruth, 1,	Edenton.
Wheless, Mrs. Benjamin Franklin, 1,	Spring Hope.
Whisnant, Albert Miller, Jr., 1,	Charlotte.
Whisnant, Charles Day, 1,	Belmont.
Whisonant, Mary Agnes, 1,	Shelby.
Whisonant, Ruth, 1,	Shelby.
Whitaker, Elizabeth Lewis, 1,	Littleton.
Whitaker, James Allen, 1, 2,	Zebulon.
Whitaker, Roy Gilbert, 1,	Chapel Hill.
Whitaker, Richard Harper, 1, 2,	Oak Ridge.
White, Berry Lee,	Woodland.
White, Elizabeth, 1,	Bessemer City.
White, Harold Moultrie, 1, 2,	Greenwood, S. C.
White, Mrs. Inez Onley, 2,	Hertford.
White, James Alfred, 1,	Scotland Neck.
White, Lela Love, 1, 2,	Colerain.
White, Marion Virginia, 1,	Tillery.
White, Sally, 1, 2,	Scotland Neck.
Whitehead, Nettie, 2,	Enfield.
Whitehurst, Elva May, 1,	Straits.
Whitehurst, Ella Roberts, 1,	Straits.
Whitener, Katharyne Meredith, 1,	High Point.
Whitford, Cleo Preston, 1,	Washington.

Whitley, Daniel Polycarp, 1,	High Point.
Whitley, James Lucius, 1, 2,	Enfield.
Whitley, Pauline Lois, 1,	Siler City.
Whitley, Mrs. Ruth Irene, 1,	High Point.
Whittington, William Wayne, Jr., 2,	Snow Hill.
Widenhouse, Helen Alma, 1,	Concord.
Wike, Eva, 1,	Hiddenite.
Wilcox, Annie, 2,	Newport.
Wilcox, Miss George Sampson, 1, 2,	Dover.
Wilkins, Katherine Gibbs, 1,	Mars Hill.
Wilkins, Mary Neal, 1,	Dallas.
Wilkins, William Banks, 1,	Sanford.
Wilkins, Walter Eugene, 1,	Mars Hill.
Wilkinson, Ellen Calhoun, 1,	Rocky Mount.
Wilkinson, Ida May, 2,	Clarksville, Va.
Williams, Albert Franklin, III, 1, 2,	Wilson.
Williams, Anne Ida, 1,	Texarkana, Ark.
Williams, Alice Lee, 1,	Newton Grove.
Williams, Cliffie Ethel, 2,	Henderson.
Williams, Charles Frederick, 1,	Raleigh.
Williams, Calvin Ursinus, 1, 2,	Jackson.
Williams, Mrs. Calvin Ursinus, 2,	Jackson.
Williams, Emma Louise, 1,	Fayetteville.
Williams, Helen Marendra, 1,	Elizabeth City.
Williams, Irvine, 1,	Clover, Va.
Williams, Irma F., 1,	Kershaw, S. C.
Williams, James, 1, 2,	Durham.
Williams, Mrs. J. A., 1,	Wingate.
Williams, Lee Gerald, 1, 2,	Dover.
Williams, Lena Mae, 2,	Chapel Hill.
Williams, Luna Mary, 1,	Newton Grove.
Williams, Mrs. Mary Cooper, 1,	Wilmington.
Williams, Mabel H., 1,	Easley, S. C.
Williams, Ruby, 1, 2,	Barnesville.
Williams, Sybil Elizabeth, 1, 2,	Hillsboro.
Williams, Mrs. Sidney Williford, 1,	Castalia.
Williams, Spicer William, 1,	Stedman.
Williamson, Mrs. Bennie Griffin, 2,	Manteo.
Williamson, Colie Vernon, 1, 2,	Hobucken.
Williamson, Pearl Lee, 2,	Evergreen.
Williford, Alvine Olivia, 1, 2,	Aulander.
Williford, Mrs. Robbie Earl, 2,	Fayetteville.
Willis, Dora Ivey, 1, 2,	Vale.
Willis, Lydia, 1,	Atlantic.
Wilson, Addie, 1,	Rocky Mount.
Wilson, Mrs. Alfred Robinson, 1, 2	Durham.
Wilson, Bonny Columbus, 1,	Glenville.

Wilson, Evelyn, 1,	Wilsons Mills.
Wilson, Edward Douglas, 1, 2,	Chapel Hill.
Wilson, Emmett Thormann, 1,	Swannanoa.
Wilson, Floy, 1,	Dunn.
Wilson, Janet Hilliard, 2,	Morristown, N. J.
Wilson, Jenny Lee, 1,	Gastonia.
Wilson, John Nelson, Jr., 1, 2,	Cullowhee.
Wilson, Mrs. Mabel, 1,	Wilmington.
Wilson, Virginia Adeline, 1,	Rocky Mount.
Wily, John Fleming, Jr., 1,	Durham.
Winborne, Richard, Jr., 1,	Norfolk, Va.
Winn, Marguerite, 1,	Clarksville, Va.
Winslow, Annie Mae, 1,	Elizabeth City.
Wise, Lillie Selma, 1, 2,	Arapahoe.
Wise, Nellie Kathleen, 1,	Prosperity, S. C.
Wiseman, James Edgar, 1,	Henrietta.
Wofford, Azile May, 1,	Laurens, S. C.
Womack, Leonora, 1,	Warsaw.
Wood, Henry Alton, 1, 2,	Lincolnton.
Wood, Willie Bennett, 2,	Essex.
Woodall, Lucille Hettie, 2,	Clayton.
Woodard, Barney Lelon, 1,	Kenley.
Woodard, Marvin Evestus, 1, 2,	Goldsboro.
Woodard, Stephen Clarence, 1,	Kenly.
Woodcock, Idell Dorothy, 1, 2,	Atkinson.
Woodley, Mary Swain, 1,	Creswell.
Woodley, Walker, 1,	Ellerbe.
Woodlief, Frances Parker, 1,	Henderson.
Woodlief, Rosalie, 1,	Kittrell.
Woodruff, Foye Lorayne, 1,	Lowgap.
Woodward, Lina, 1,	Statesville.
Woody, Lucille Ranes, 1, 2,	Woodsdale.
Wooten, Elizabeth Katherine, 1,	Chadbourn.
Wooten, Emma Mary, 1,	Stantonsburg.
Wooten, James Singletary, 1, 2,	Kinston.
Wooten, Marion Frank, Jr., 2,	Charlotte.
Wooten, Robin Nathaniel, 1, 2,	Olin.
Wootton, Helen Virginia, 1,	Wendell.
Worsley, David Alton, 1, 2,	Rocky Mount.
Wrenn, Lina Frances, 1,	Chapel Hill.
Wright, Louise Gertrude, 1,	Saint Jush, Va.
Wright, Margaret, 2,	Troy.
Wright, Mrs. Nathaniel, 1, 2,	Ahoskie.
Wyatt, Josephine Anne, 1,	Republican Grove, Va.
Wyche, Ernest Hughes, 1,	Greensboro.
Wysong, William Humber, 1,	Wrightsville Beach.
Yarborough, Alexander C., 2,	Spring Hope.

Yeargan, Leon Craven, 1, 2,
Yelverton, Emmett Rivers, 1,
Yoder, Mrs. Edwin M., 2
Yokley, Elizabeth Virginia, 2,
Younce, Adam, 1, 2,
Young, Charlotte, 1,
Young, David Alexander, 2,
Young, Leona, 1,
Young, William Lafayette, 1,
Youngblood, John Otis, 1,
Yount, Lily Magdalene, 1,
Yow, Maude Foushee, 1,
Zimmerman, Eula Blanche, 1,
Zimmerman, James Long, 1, 2,

Garner.
Stantonsburg.
Hickory.
Lexington.
Spencer.
Asheville.
Raleigh.
Asheville.
Charlotte.
Fletcher.
Snow Hill.
Siler City.
Duncan, S. C.
Beverly, W. Va.

SUMMARY OF STUDENTS, 1928-1929

	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Total</i>
GRADUATES (Regular and Summer).....	401	202	603	603
UNDERGRADUATES:				
Fourth Year	296	29	325	
Third Year	467	53	520	
Second Year	612	5	617	
First Year	710	2	712	2,174
SPECIAL STUDENTS:				
Public Welfare	0	1	1	
Other Specials	43	4	47	48
STUDENTS IN LAW:				
Third Year	16	1	17	
Second Year	52	0	52	
First Year	66	1	67	
Summer (1928)				
Credit	70	2	72	208
STUDENTS IN MEDICINE:				
Second Year	31	2	33	
First Year	36	3	39	72
STUDENTS IN PHARMACY:				
Third Year	23	0	23	
Second Year	15	2	17	
First Year	32	0	32	72
Totals	2,870	307	3,177	
STUDENTS IN THE SUMMER QUARTER (1928):				
Graduates (Counted above also)				412
Undergraduates				1,607
Total in the Summer Quarter.....				2,019
STUDENTS IN THE EXTENSION DIVISION:				
Correspondence (Degree Credit)			378	
Correspondence (Degree and Certificate Credit).....			58	
Correspondence (Certificate Credit)			1,160	
Correspondence (Non-credit)			42	
Class Instruction (Degree Credit)			358	
Class Instruction (Degree and Certificate Credit)			957	
Class Instruction (Non-credit)			525	
Total in the Extension Division			3,478	
Regular in the Extension Division				2,911
Total of Regular Students				8,107
Deduct for Names Counted Twice				600
Net Regular Students				7,507
Total of Non-credit Students (omitting duplicates)				447
Grand Total (omitting duplicates)				7,954

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